

# SOFTWARE RELEASE NOTICE

1. SRN Number: <i>G H G C - S R N - 1 3 3</i>		
2. Project Title: <b>SUFLAT Version 1.0</b>		Project No.20.05708.562
3. SRN Title:		
4. Originator/Requestor: Ross Bagtzoglou		Date: 6/13/2000
5. Summary of Actions  <input type="checkbox"/> Release of new software  <input type="checkbox"/> Release of modified software: <input type="checkbox"/> Enhancements made <input type="checkbox"/> Corrections made  <input type="checkbox"/> Change of access software  <input checked="" type="checkbox"/> Software Retirement		
6. Persons Authorized Access		
Name	Read Only/Read-Write	Addition/Change/Delete
7. Element Manager Approval: English Percy <i>[Signature]</i>		<i>6/14/00</i> Date:
8. Remarks:		

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drwxr-xr-x 201/100 0 Sep 19 18:26 1997 suflat/
drwxr-xr-x 201/100 0 Sep 19 16:35 1997 suflat/home2/
drwxr-xr-x 201/100 0 Sep 19 16:35 1997 suflat/home2/muller/
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-rw-r--r-- 201/100 723765 Feb 8 09:51 1996 suflat/home2/muller/SUFLAT/bigflo.f
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-rw-r--r-- 201/100 25469 Feb 8 09:51 1996 suflat/home2/muller/SUFLAT/flux.f
-rw-r--r-- 201/100 12172 Feb 8 09:51 1996 suflat/home2/muller/SUFLAT/mkprop.f
-rw-r--r-- 201/100 85101 Feb 8 09:51 1996 suflat/home2/muller/SUFLAT/slim.f
-rw-r--r-- 201/100 15994 Feb 8 09:51 1996 suflat/home2/muller/SUFLAT/suflat.f
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-rw-r--r-- 201/100 8003 Dec 22 19:19 1995 suflat/home2/muller/suflat_prod1.0/example2/OUT10.Z
-rw-r--r-- 201/100 27 Dec 22 19:19 1995 suflat/home2/muller/suflat_prod1.0/example2/fort.6
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home2/muller/suflat_prod1.0/example2/in2_head.o
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home2/muller/suflat_prod1.0/example2/line.in
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home2/muller/suflat_prod1.0/example2/log.
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-rw-r--r-- 201/100 190 Feb 16 16:59 1996 suflat/home2/muller/suflat_prod1.0/mkprop/Areadme
drwxr-xr-x 201/100 0 Feb 8 11:12 1996 suflat/home2/muller/suflat_prod1.0/bigflo/
-rw-r--r-- 201/100 8293 Dec 2 14:08 1995 suflat/home2/muller/suflat_prod1.0/bigflo/COMBIG
-rw-r--r-- 201/100 268 Dec 2 14:08 1995 suflat/home2/muller/suflat_prod1.0/bigflo/NEWCOM
-rw-r--r-- 201/100 723765 Feb 7 11:33 1996 suflat/home2/muller/suflat_prod1.0/bigflo/bigflo.f
-rw-r--r-- 201/100 1160 Feb 8 11:14 1996 suflat/home2/muller/suflat_prod1.0/bigflo/Areadme
-rw-r--r-- 201/100 4640 Dec 19 10:08 1995 suflat/home2/muller/suflat_prod1.0/bigflo/INPUT1
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drwxr-xr-x 201/100 0 Feb 16 17:08 1996 suflat/home2/muller/suflat_prod1.0/slim/
-rw-r--r-- 201/100 85101 Feb 7 11:33 1996 suflat/home2/muller/suflat_prod1.0/slim/slim.f
-rw-r--r-- 201/100 12455 Feb 16 17:07 1996 suflat/home2/muller/suflat_prod1.0/slim/Areadme
-rwxr-xr-x 201/100 200 Feb 5 16:44 1996 suflat/home2/muller/suflat_prod1.0/slim/Compile
-rw-r--r-- 201/100 750 Dec 19 08:10 1995 suflat/home2/muller/suflat_prod1.0/slim/in1_slim1
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-rw-r--r-- 201/100 100 Dec 18 13:06 1995 suflat/home2/muller/suflat\_prod1.0/slim/in1\_slim2  
-rw-r--r-- 201/100 1457 Dec 2 14:30 1995 suflat/home2/muller/suflat\_prod1.0/slim/common.h  
-rw-r--r-- 201/100 410 Dec 2 14:30 1995 suflat/home2/muller/suflat\_prod1.0/slim/open.h  
-rw-r--r-- 201/100 120 Dec 19 09:38 1995 suflat/home2/muller/suflat\_prod1.0/slim/in1\_sfiles  
drwxr-xr-x 201/100 0 Sep 19 17:32 1997 suflat/home3/  
drwxr-xr-x 201/100 0 Sep 19 18:26 1997 suflat/home3/muller/  
drwxr-xr-x 201/100 0 Sep 19 17:35 1997 suflat/home3/muller/tmp/  
drwxr-xr-x 201/100 0 Sep 19 17:32 1997 suflat/home3/muller/tmp/rashid/  
drwxr-xr-x 201/100 0 Dec 22 19:16 1995 suflat/home3/muller/tmp/rashid/suflat/  
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-rw-r----- 201/100 1149 Aug 13 15:16 1993 suflat/home3/muller/tmp/rashid/suflat/set.f  
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-rw-r--r-- 201/100 442 Jul 23 17:19 1993 suflat/home3/muller/tmp/ross/suflat/in1\_suflat  
-rw-r----- 201/100 5251 Jul 19 14:05 1993 suflat/home3/muller/tmp/ross/suflat/suflat.f.org  
-rw-r----- 201/100 10805 Jul 23 17:03 1993 suflat/home3/muller/tmp/ross/suflat/suflat.f  
-rw-r----- 201/100 427 Jul 23 17:19 1993 suflat/home3/muller/tmp/ross/suflat/t.f  
drwxr-xr-x 201/100 0 Sep 19 17:40 1997 suflat/home3/muller/ibm\_ross/  
drwxr-xr-x 201/100 0 Sep 19 17:40 1997 suflat/home3/muller/ibm\_ross/bigflo/  
-rw-r----- 201/100 432 Nov 5 10:36 1993 suflat/home3/muller/ibm\_ross/bigflo/in1\_suflat  
drwxr-xr-x 201/100 0 Sep 19 17:43 1997 suflat/home3/muller/GOLIATH/  
drwxr-xr-x 201/100 0 Sep 19 17:43 1997 suflat/home3/muller/GOLIATH/ross/  
drwxr-xr-x 201/100 0 Nov 28 14:59 1995 suflat/home3/muller/GOLIATH/ross/suflat/  
-rw-r--r-- 201/100 8293 Sep 1 14:54 1993 suflat/home3/muller/GOLIATH/ross/suflat/COMBIG  
-rw-r--r-- 201/100 4354 Sep 1 14:54 1993 suflat/home3/muller/GOLIATH/ross/suflat/IN1  
-rw-r--r-- 201/100 268 Sep 1 14:54 1993 suflat/home3/muller/GOLIATH/ross/suflat/NEWCOM  
-rw-r--r-- 201/100 196675 Sep 1 14:54 1993 suflat/home3/muller/GOLIATH/ross/suflat/bigflo2.f.Z  
-rwxr-xr-x 201/100 359707 Sep 1 14:54 1993 suflat/home3/muller/GOLIATH/ross/suflat/floproc2.ex.Z  
-rw-r--r-- 201/100 106373 Sep 1 14:54 1993 suflat/home3/muller/GOLIATH/ross/suflat/floproc2.f.Z  
-rw-r--r-- 201/100 10805 Sep 13 10:11 1994 suflat/home3/muller/GOLIATH/ross/suflat/suflat.f  
drwxr-xr-x 201/100 0 Sep 19 18:02 1997 suflat/home3/muller/ross/  
drwxr-xr-x 201/100 0 Sep 19 18:02 1997 suflat/home3/muller/ross/timeflo/  
-rw-r--r-- 201/100 10805 Sep 13 10:05 1994 suflat/home3/muller/ross/timeflo/suflat.f.sav  
drwxr-xr-x 201/100 0 Dec 16 14:29 1996 suflat/home3/muller/suflat/  
drwxr-xr-x 201/100 0 Feb 5 12:38 1996 suflat/home3/muller/suflat/floproc/  
-rw-r--r-- 201/100 485 Dec 2 14:20 1995 suflat/home3/muller/suflat/floproc/INPUT1  
-rw-r--r-- 201/100 3101 Dec 2 14:20 1995 suflat/home3/muller/suflat/floproc/INPUT3.org  
-rwxr-xr-- 201/100 335241 Feb 6 11:18 1996 suflat/home3/muller/suflat/floproc/floproc2.f  
drwxr-xr-x 201/100 0 Jun 18 14:32 1996 suflat/home3/muller/suflat/suflat/  
-rw-r----- 201/100 432 Dec 2 15:41 1995 suflat/home3/muller/suflat/suflat/in1\_suflat  
-rw-r--r-- 201/100 15994 Jun 18 14:31 1996 suflat/home3/muller/suflat/suflat/suflat.f  
-rw-r--r-- 201/100 10805 Dec 2 15:37 1995 suflat/home3/muller/suflat/suflat/suflat.f.org  
-rw-r----- 201/100 10080 Dec 22 15:48 1995 suflat/home3/muller/suflat/suflat/suflat.txt  
-rw-r----- 201/100 1015 Dec 13 22:49 1995 suflat/home3/muller/suflat/suflat/suflat.txt.org  
-rw-r--r-- 201/100 536 Dec 18 10:51 1995 suflat/home3/muller/suflat/suflat/a.f  
lrwxrwxrwx 201/100 13 Sep 19 18:23 1997 suflat/home3/muller/suflat/suflat/INPUT1 symbolic link to ../run/INPUT1  
-rw-r----- 201/100 1375 Dec 19 11:18 1995 suflat/home3/muller/suflat/suflat/suflat.txt.org2  
-rwxr-xr-x 201/100 155648 Dec 18 10:51 1995 suflat/home3/muller/suflat/suflat/a.x  
-rwxr-xr-x 201/100 180224 Dec 19 10:54 1995 suflat/home3/muller/suflat/suflat/suflat.x  
drwxr-xr-x 201/100 0 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/  
-rw-r--r-- 201/100 1386 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/suflat.out  
lrwxrwxrwx 201/100 14 Sep 19 18:23 1997 suflat/home3/muller/suflat/run/flux.x symbolic link to ../flux/flux.x  
lrwxrwxrwx 201/100 14 Sep 19 18:23 1997 suflat/home3/muller/suflat/run/slim.x symbolic link to ../slim/slim.x  
lrwxrwxrwx 201/100 18 Sep 19 18:23 1997 suflat/home3/muller/suflat/run/mkprop.x symbolic link to ../mkprop/mkprop.x  
lrwxrwxrwx 201/100 18 Sep 19 18:23 1997 suflat/home3/muller/suflat/run/suflat.x symbolic link to ../suflat/suflat.x  
-rw-r--r-- 201/100 879 Dec 5 11:17 1995 suflat/home3/muller/suflat/run/in1\_flux  
-rw-r--r-- 201/100 4640 Dec 19 10:55 1995 suflat/home3/muller/suflat/run/INPUT1  
-rw-r--r-- 201/100 5185 Dec 22 11:57 1995 suflat/home3/muller/suflat/run/turn.log  
-rw-r--r-- 201/100 5450 Dec 22 11:57 1995 suflat/home3/muller/suflat/run/in1\_mkprop  
-rw-r--r-- 201/100 0 Dec 22 10:42 1995 suflat/home3/muller/suflat/run/log.  
-rw-r--r-- 201/100 0 Dec 22 11:57 1995 suflat/home3/muller/suflat/run/line.in  
lrwxrwxrwx 201/100 5 Sep 19 18:23 1997 suflat/home3/muller/suflat/run/VEL symbolic link to VEL3D  
-rw-r--r-- 201/100 129 Dec 5 11:17 1995 suflat/home3/muller/suflat/run/in1\_turn1  
-rw-r--r-- 201/100 27 Dec 22 11:57 1995 suflat/home3/muller/suflat/run/fort.6  
-rw-r--r-- 201/100 275075 Dec 22 10:49 1995 suflat/home3/muller/suflat/run/in5\_ksat  
-rw-r--r-- 201/100 235 Dec 5 11:17 1995 suflat/home3/muller/suflat/run/in1\_turn2  
-rw-r--r-- 201/100 750 Dec 19 08:10 1995 suflat/home3/muller/suflat/run/in1\_slim1  
-rw-r--r-- 201/100 100 Dec 18 13:06 1995 suflat/home3/muller/suflat/run/in1\_slim2  
-rw-r----- 201/100 489 Dec 21 11:03 1995 suflat/home3/muller/suflat/run/in1\_suflat  
drwxr-xr-x 201/100 0 Dec 18 12:09 1995 suflat/home3/muller/suflat/run/oldin/  
-rw-r--r-- 201/100 549906 Dec 5 11:26 1995 suflat/home3/muller/suflat/run/oldin/in5\_ksat  
-rw-r--r-- 201/100 549906 Dec 5 11:34 1995 suflat/home3/muller/suflat/run/oldin/in6\_alfa  
-rw-r--r-- 201/100 275075 Dec 5 11:48 1995 suflat/home3/muller/suflat/run/oldin/in7\_tsat  
-rw-r--r-- 201/100 549906 Dec 5 11:55 1995 suflat/home3/muller/suflat/run/oldin/in8\_beta  
-rw-r--r-- 201/100 275075 Dec 5 11:55 1995 suflat/home3/muller/suflat/run/oldin/in10\_vgn  
-rw-r--r-- 201/100 549906 Dec 5 12:02 1995 suflat/home3/muller/suflat/run/oldin/in11\_tdry

-rw-r--r-- 201/100 275075 Dec 22 11:03 1995 suflat/home3/muller/suflat/run/in6\_alfa  
-rw-r--r-- 201/100 275075 Dec 22 11:30 1995 suflat/home3/muller/suflat/run/in7\_tsat  
-rw-r--r-- 201/100 275075 Dec 22 11:44 1995 suflat/home3/muller/suflat/run/in8\_beta  
-rw-r--r-- 201/100 275075 Dec 22 11:44 1995 suflat/home3/muller/suflat/run/in10\_vgn  
-rw-r--r-- 201/100 275075 Dec 22 11:57 1995 suflat/home3/muller/suflat/run/in11\_tdry  
-rw-r--r-- 201/100 30 Dec 22 16:00 1995 suflat/home3/muller/suflat/run/OUTBAD  
-rw-r--r-- 201/100 17096 Dec 22 16:00 1995 suflat/home3/muller/suflat/run/OUT10  
-rw-r--r-- 201/100 377809 Dec 22 16:00 1995 suflat/home3/muller/suflat/run/OUT11  
-rw-r--r-- 201/100 120 Dec 19 09:38 1995 suflat/home3/muller/suflat/run/in1\_sfiles  
-rw-r--r-- 201/100 382463 Dec 22 16:00 1995 suflat/home3/muller/suflat/run/OUT12  
-rw-r--r-- 201/100 873103 Dec 22 16:00 1995 suflat/home3/muller/suflat/run/OUT13  
-rw-r--r-- 201/100 976000 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/VEL3D  
-rw-r--r-- 201/100 275075 Dec 22 16:00 1995 suflat/home3/muller/suflat/run/in2\_head.o  
-rw-r--r-- 201/100 275075 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/out1\_kuns  
-rw-r--r-- 201/100 275075 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/out2\_ttuns  
-rw-r--r-- 201/100 275075 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/out3\_thead  
-rw-r--r-- 201/100 729600 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/out4\_flux  
-rw-r--r-- 201/100 5297 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/slim.log  
-rw-r--r-- 201/100 212 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plotm.dat  
lrwxrwxrwx 201/100 19 Sep 19 18:24 1997 suflat/home3/muller/suflat/run/bigflo2.x symbolic link to ../bigflo/bigflo2.x  
-rw-r--r-- 201/100 0 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plotc.dat  
-rw-r--r-- 201/100 17652 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plotp.dat  
-rw-r--r-- 201/100 158 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plotb.dat  
-rw-r--r-- 201/100 0 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plotcp.dat  
-rw-r--r-- 201/100 656080 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plstcp.dat  
-rw-r--r-- 201/100 0 Dec 22 16:01 1995 suflat/home3/muller/suflat/run/plerst.dat  
-rw-r--r-- 201/100 82 Dec 5 12:26 1995 suflat/home3/muller/suflat/Readthis  
-rw-r--r-- 201/100 325 Aug 19 10:38 1996 suflat/home3/muller/suflat/Areadme  
lrwxrwxrwx 201/100 66 Sep 19 18:24 1997 suflat/home3/muller/suflat/in1\_slim1 symbolic link to /home3/muller/GOLIATH/ross/tec/out.21/slim/3realiz\_advec/in1\_slim1  
lrwxrwxrwx 201/100 66 Sep 19 18:24 1997 suflat/home3/muller/suflat/in1\_slim2 symbolic link to /home3/muller/GOLIATH/ross/tec/out.21/slim/3realiz\_advec/in1\_slim2  
lrwxrwxrwx 201/100 64 Sep 19 18:24 1997 suflat/home3/muller/suflat/Areadme.other symbolic link to /home3/muller/GOLIATH/ross/tec/out.21/slim/3realiz\_advec/Areadme  
drwxr-xr-x 201/100 0 Feb 5 12:49 1996 suflat/home3/muller/suflat/flux/  
-rw-r--r-- 201/100 24528 Feb 6 16:14 1996 suflat/home3/muller/suflat/flux/flux.f  
-rw-r--r-- 201/100 879 Dec 2 15:21 1995 suflat/home3/muller/suflat/flux/in1\_flux  
-rw-r--r-- 201/100 731 Dec 2 15:21 1995 suflat/home3/muller/suflat/flux/Areadme  
-rw-r--r-- 201/100 5737 Dec 2 15:27 1995 suflat/home3/muller/suflat/flux/INPUT1  
-rw-r--r-- 201/100 6561 Feb 5 12:49 1996 suflat/home3/muller/suflat/flux/Areadme2  
-rwxr-xr-x 201/100 196608 Dec 21 10:06 1995 suflat/home3/muller/suflat/flux/flux.x  
drwxr-xr-x 201/100 0 Dec 22 19:20 1995 suflat/home3/muller/suflat/example1/  
-rw-r--r-- 201/100 4640 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/INPUT1  
-rw-r--r-- 201/100 14584 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/OUT11.Z  
-rw-r--r-- 201/100 15140 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/OUT12.Z  
-rw-r--r-- 201/100 29808 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/OUT13.Z  
-rw-r--r-- 201/100 996895 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/VEL3D.Z  
-rw-r--r-- 201/100 30 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/OUTBAD  
lrwxrwxrwx 201/100 5 Sep 19 18:24 1997 suflat/home3/muller/suflat/example1/VEL symbolic link to VEL3D  
-rwxr-xr-x 201/100 142940 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/flux.x.Z  
-rw-r--r-- 201/100 7998 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/OUT10.Z  
-rw-r--r-- 201/100 27 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/fort.6  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in10\_vgn  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in11\_tdry  
-rw-r--r-- 201/100 879 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_flux  
-rw-r--r-- 201/100 3530 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_mkprop  
-rw-r--r-- 201/100 598 Dec 22 10:31 1995 suflat/home3/muller/suflat/example1/Areadme  
-rw-r--r-- 201/100 120 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_sfiles  
-rw-r--r-- 201/100 750 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_slim1  
-rw-r--r-- 201/100 100 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_slim2  
-rw-r--r-- 201/100 489 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_suflat  
-rw-r--r-- 201/100 129 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_turn1  
-rw-r--r-- 201/100 235 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in1\_turn2  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in2\_head.o  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in5\_ksat  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in6\_alfa  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in7\_tsat  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/in8\_beta  
-rw-r--r-- 201/100 0 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/line.in  
-rw-r--r-- 201/100 0 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/log.  
-rwxr-xr-x 201/100 160820 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/slim.x.Z  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/out1\_kuns  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/out2\_ttuns  
-rw-r--r-- 201/100 275075 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/out3\_thead  
-rw-r--r-- 201/100 729600 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/out4\_flux  
-rw-r--r-- 201/100 0 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plerst.dat  
-rw-r--r-- 201/100 158 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plotb.dat  
-rw-r--r-- 201/100 0 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plotc.dat  
-rw-r--r-- 201/100 0 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plotcp.dat  
-rw-r--r-- 201/100 212 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plotm.dat  
-rw-r--r-- 201/100 33754 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plotp.dat

-rw-r--r-- 201/100 656080 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/plstat.dat  
-rw-r--r-- 201/100 5297 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/slim.log  
-rw-r--r-- 201/100 1386 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/suflat.out  
-rw-r--r-- 201/100 5185 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/turn.log  
-rwxr-xr-x 201/100 603631 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/bigflo2.x.Z  
-rwxr-xr-x 201/100 171376 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/mkprop.x.Z  
-rwxr-xr-x 201/100 122961 Dec 22 10:23 1995 suflat/home3/muller/suflat/example1/suflat.x.Z  
drwxr-xr-x 201/100 0 Dec 22 19:20 1995 suflat/home3/muller/suflat/example2/  
-rwxr-xr-x 201/100 142940 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/flux.x.Z  
-rw-r--r-- 201/100 8003 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/OUT10.Z  
-rw-r--r-- 201/100 27 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/fort.6  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in2\_head.o  
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/line.in  
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/log.  
-rwxr-xr-x 201/100 160820 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/slim.x.Z  
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plerst.dat  
-rw-r--r-- 201/100 158 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plotb.dat  
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plotc.dat  
-rw-r--r-- 201/100 0 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plotcp.dat  
-rw-r--r-- 201/100 212 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plotm.dat  
-rw-r--r-- 201/100 17652 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plotp.dat  
-rw-r--r-- 201/100 656080 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/plstat.dat  
-rw-r--r-- 201/100 5297 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/slim.log  
-rw-r--r-- 201/100 72933 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/OUT11.Z  
-rw-r--r-- 201/100 1386 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/suflat.out  
-rw-r--r-- 201/100 83125 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/OUT12.Z  
-rw-r--r-- 201/100 5185 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/turn.log  
-rw-r--r-- 201/100 4640 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/INPUT1  
-rw-r--r-- 201/100 68639 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/OUT13.Z  
-rw-r--r-- 201/100 336841 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/VEL3D.Z  
-rw-r--r-- 201/100 30 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/OUTBAD  
lrwxrwxrwx 201/100 5 Sep 19 18:24 1997 suflat/home3/muller/suflat/example2/VEL symbolic link to VEL3D  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in10\_vgn  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in11\_ttdry  
-rw-r--r-- 201/100 879 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_flux  
-rw-r--r-- 201/100 5450 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_mkprop  
-rw-r--r-- 201/100 120 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_sfiles  
-rw-r--r-- 201/100 750 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_slim1  
-rw-r--r-- 201/100 100 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_slim2  
-rw-r--r-- 201/100 489 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_suflat  
-rw-r--r-- 201/100 129 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_turn1  
-rw-r--r-- 201/100 235 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in1\_turn2  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in5\_ksat  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in6\_alfa  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in7\_tsat  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/in8\_beta  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/out1\_kuns  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/out2\_ttuns  
-rw-r--r-- 201/100 275075 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/out3\_thead  
-rw-r--r-- 201/100 729600 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/out4\_flux  
-rwxr-xr-x 201/100 603631 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/bigflo2.x.Z  
-rwxr-xr-x 201/100 171376 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/mkprop.x.Z  
-rwxr-xr-x 201/100 122961 Dec 22 19:19 1995 suflat/home3/muller/suflat/example2/suflat.x.Z  
drwxr-xr-x 201/100 0 Feb 16 19:02 1996 suflat/home3/muller/suflat/SUFLAT/  
-rw-r--r-- 201/100 723765 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/bigflo.f  
-rw-r--r-- 201/100 336182 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/floproc.f  
-rw-r--r-- 201/100 25469 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/flux.f  
-rw-r--r-- 201/100 12172 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/mkprop.f  
-rw-r--r-- 201/100 85101 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/slim.f  
-rw-r--r-- 201/100 15994 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/suflat.f  
-rw-r--r-- 201/100 32285 Feb 6 17:40 1996 suflat/home3/muller/suflat/SUFLAT/tbm.f  
drwxr-xr-x 201/100 0 Jun 21 15:15 1996 suflat/home3/muller/suflat/testline/  
-rw-r--r-- 201/100 773 Jun 20 15:44 1996 suflat/home3/muller/suflat/testline/Areadme  
-rw-r--r-- 201/100 1441 Jun 21 09:52 1996 suflat/home3/muller/suflat/testline/boxcv1.f  
-rw-r--r-- 201/100 52 Jun 20 16:18 1996 suflat/home3/muller/suflat/testline/aa  
-rw-r--r-- 201/100 220 Jun 20 15:59 1996 suflat/home3/muller/suflat/testline/int.f  
-rw-r--r-- 201/100 820 Jun 21 15:15 1996 suflat/home3/muller/suflat/testline/fort.10  
-rwxr-xr-x 201/100 180224 Jun 21 15:15 1996 suflat/home3/muller/suflat/testline/a.out  
-rw-r--r-- 201/100 151 Jun 20 16:26 1996 suflat/home3/muller/suflat/testline/t.t  
-rw-r--r-- 201/100 1708 Jun 21 15:15 1996 suflat/home3/muller/suflat/testline/fort.11  
-rw-r--r-- 201/100 473 Jun 21 15:15 1996 suflat/home3/muller/suflat/testline/fort.12  
-rw-r--r-- 201/100 1583 Jun 21 10:25 1996 suflat/home3/muller/suflat/testline/boxcv2.f  
drwxr-xr-x 201/100 0 Jun 21 15:15 1996 suflat/home3/muller/suflat/testline/2/  
-rw-r--r-- 201/100 800 Jun 21 10:25 1996 suflat/home3/muller/suflat/testline/2/fort.10  
-rw-r--r-- 201/100 1430 Jun 21 10:25 1996 suflat/home3/muller/suflat/testline/2/fort.11  
-rw-r--r-- 201/100 498 Jun 21 10:25 1996 suflat/home3/muller/suflat/testline/2/fort.12  
-rw-r--r-- 201/100 6518 Jun 21 10:25 1996 suflat/home3/muller/suflat/testline/2/fort.13  
drwxr-xr-x 201/100 0 Dec 13 08:21 1996 suflat/home3/muller/suflat/mkprop/  
-rw-r--r-- 201/100 68277 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in10\_vgn.Z  
-rw-r--r-- 201/100 74589 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in11\_ttdry.Z  
-rw-r--r-- 201/100 3662 Dec 20 11:12 1995 suflat/home3/muller/suflat/mkprop/in1\_mkprop

-rw-r--r-- 201/100 5449 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in1\_mkprop.21.org  
-rw-r--r-- 201/100 4490 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in1\_mkprop.old  
-rw-r--r-- 201/100 129 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in1\_turn1  
-rw-r--r-- 201/100 129 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in1\_turn1.old  
-rw-r--r-- 201/100 235 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/in1\_turn2  
-rw-r--r-- 201/100 12172 Jun 18 15:31 1996 suflat/home3/muller/suflat/mkprop/mkprop.f  
-rw-r--r-- 201/100 32285 Jun 18 15:34 1996 suflat/home3/muller/suflat/mkprop/tbm.f  
drwxr-xr-x 201/100 0 Dec 2 13:54 1995 suflat/home3/muller/suflat/mkprop/compile/  
-rw-r--r-- 201/100 43744 Nov 30 15:19 1995 suflat/home3/muller/suflat/mkprop/compile/tbm.o  
-rw-r--r-- 201/100 9822 Nov 30 15:20 1995 suflat/home3/muller/suflat/mkprop/compile/mkprop.o.Z  
-rw-r--r-- 201/100 22508 Nov 30 15:20 1995 suflat/home3/muller/suflat/mkprop/compile/tbm.o.Z  
-rw-r--r-- 201/100 4580 Nov 30 15:20 1995 suflat/home3/muller/suflat/mkprop/compile/INPUT1.a  
-rw-r--r-- 201/100 129 Nov 30 15:21 1995 suflat/home3/muller/suflat/mkprop/compile/in1\_turn1.a  
-rw-r--r-- 201/100 235 Nov 30 15:21 1995 suflat/home3/muller/suflat/mkprop/compile/in1\_turn2.a  
-rw-r--r-- 201/100 4578 Nov 30 15:15 1995 suflat/home3/muller/suflat/mkprop/INPUT1  
-rw-r--r-- 201/100 18452 Dec 19 08:02 1995 suflat/home3/muller/suflat/mkprop/mkprop.o  
-rw-r--r-- 201/100 42580 Dec 4 14:32 1995 suflat/home3/muller/suflat/mkprop/tbm.o  
-rwxr-xr-x 201/100 245760 Dec 19 08:02 1995 suflat/home3/muller/suflat/mkprop/mkprop.x  
-rw-r--r-- 201/100 9533 Nov 30 15:16 1995 suflat/home3/muller/suflat/mkprop/mkprop.f.org  
-rw-r--r-- 201/100 3450 Dec 20 10:48 1995 suflat/home3/muller/suflat/mkprop/in1\_mkprop.org  
-rw-r--r-- 201/100 136 Dec 13 08:21 1996 suflat/home3/muller/suflat/mkprop/ab  
drwxr-xr-x 201/100 0 Feb 5 12:36 1996 suflat/home3/muller/suflat/bigflo/  
-rw-r--r-- 201/100 8293 Dec 2 14:08 1995 suflat/home3/muller/suflat/bigflo/COMBIG  
-rw-r--r-- 201/100 268 Dec 2 14:08 1995 suflat/home3/muller/suflat/bigflo/NEWCOM  
-rw-r--r-- 201/100 722824 Feb 6 13:08 1996 suflat/home3/muller/suflat/bigflo/bigflo2.f  
-rw-r--r-- 201/100 417 Dec 2 14:11 1995 suflat/home3/muller/suflat/bigflo/Areadme\_f77.doc  
-rw-r--r-- 201/100 406 Dec 4 14:31 1995 suflat/home3/muller/suflat/bigflo/compile.log  
-rwxr-xr-x 201/100 132 Feb 5 12:38 1996 suflat/home3/muller/suflat/bigflo/compile  
-rw-r--r-- 201/100 2673 Dec 2 16:11 1995 suflat/home3/muller/suflat/bigflo/makehead.f  
-rw-r--r-- 201/100 4640 Dec 19 10:08 1995 suflat/home3/muller/suflat/bigflo/INPUT1  
-rwxr-xr-x 201/100 983040 Dec 4 14:45 1995 suflat/home3/muller/suflat/bigflo/bigflo2.x  
drwxr-xr-x 201/100 0 Feb 5 12:55 1996 suflat/home3/muller/suflat/slim/  
-rw-r--r-- 201/100 84160 Feb 6 16:10 1996 suflat/home3/muller/suflat/slim/slim.f  
-rw-r--r-- 201/100 12356 Dec 2 14:25 1995 suflat/home3/muller/suflat/slim/Areadme  
-rw-r--r-- 201/100 5201 Dec 2 14:26 1995 suflat/home3/muller/suflat/slim/velminmax.f  
-rw-r--r-- 201/100 4548 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotc.sty  
-rw-r--r-- 201/100 1356 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotc.tgm  
-rw-r--r-- 201/100 3353 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotc100K\_final.sty  
-rw-r--r-- 201/100 5327 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotc\_final.sty  
-rw-r--r-- 201/100 2159 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotcallb2tec.f  
-rwxr-xr-x 201/100 253952 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotcallb2tec.x  
-rw-r--r-- 201/100 1402 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotm.sty  
-rw-r--r-- 201/100 4408 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotp.sty  
-rw-r--r-- 201/100 4589 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotp\_final.sty  
-rw-r--r-- 201/100 1548 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotp\_norm.sty  
-rw-r--r-- 201/100 899 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotpb2tec.f.Z  
-rwxr-xr-x 201/100 169939 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotpb2tec.x.Z  
-rw-r--r-- 201/100 1560 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotpp2tec.f  
-rwxr-xr-x 201/100 170021 Dec 2 14:28 1995 suflat/home3/muller/suflat/slim/plotpp2tec.x.Z  
-rw-r--r-- 201/100 750 Dec 19 08:10 1995 suflat/home3/muller/suflat/slim/in1\_slim1  
-rw-r--r-- 201/100 100 Dec 18 13:06 1995 suflat/home3/muller/suflat/slim/in1\_slim2  
-rw-r--r-- 201/100 1457 Dec 2 14:30 1995 suflat/home3/muller/suflat/slim/common.h  
-rw-r--r-- 201/100 410 Dec 2 14:30 1995 suflat/home3/muller/suflat/slim/open.h  
-rwxr-xr-x 201/100 327680 Dec 2 14:26 1995 suflat/home3/muller/suflat/slim/slim.x.old  
-rwxr-xr-x 201/100 237568 Dec 4 14:39 1995 suflat/home3/muller/suflat/slim/slim.x  
-rw-r--r-- 201/100 120 Dec 19 09:38 1995 suflat/home3/muller/suflat/slim/in1\_sfiles  
-rw-r--r-- 201/100 305 Dec 19 09:34 1995 suflat/home3/muller/suflat/slim/t.f  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plotm.dat  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plotc.dat  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plotp.dat  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plotb.dat  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plotcp.dat  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plstat.dat  
-rw-r--r-- 201/100 0 Dec 19 09:37 1995 suflat/home3/muller/suflat/slim/plerst.dat  
drwxr-xr-x 201/100 0 Jun 18 14:59 1996 suflat/home3/muller/suflat/suflatangle/  
-rw-r--r-- 201/100 15994 Jun 18 14:31 1996 suflat/home3/muller/suflat/suflatangle/suflat.f  
-rw-r--r-- 201/100 767 Aug 20 13:06 1996 suflat/home3/muller/suflat/suflatangle/Areadme  
-rwxr-xr-x 201/100 121 Jun 18 14:33 1996 suflat/home3/muller/suflat/suflatangle/Compile  
drwxr-xr-x 201/100 0 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/  
-rw-r--r-- 201/100 4578 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/INPUT1  
-rw-r--r-- 201/100 68277 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in10\_vgn.Z  
-rw-r--r-- 201/100 74589 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in11\_tdry.Z  
-rw-r--r-- 201/100 3662 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_mkprop  
-rw-r--r-- 201/100 5449 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_mkprop.21.org  
-rw-r--r-- 201/100 4490 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_mkprop.old  
-rw-r--r-- 201/100 3450 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_mkprop.org  
-rw-r--r-- 201/100 129 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_turn1  
-rw-r--r-- 201/100 129 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_turn1.old  
-rw-r--r-- 201/100 235 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/in1\_turn2  
-rw-r--r-- 201/100 12644 Aug 22 16:38 1996 suflat/home3/muller/suflat/mkpropangle/mkprop.f  
-rw-r--r-- 201/100 12172 Aug 20 13:07 1996 suflat/home3/muller/suflat/mkpropangle/mkprop.f.org

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-rw-r--r-- 201/100 18452 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/mkprop.o
-rwxr-xr-x 201/100 245760 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/mkprop.x
-rw-r--r-- 201/100 32285 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/tbm.f
-rw-r--r-- 201/100 42580 Jun 25 15:21 1996 suflat/home3/muller/suflat/mkpropangle/tbm.o
-rw-r--r-- 201/100 767 Aug 20 13:06 1996 suflat/home3/muller/suflat/mkpropangle/Areadme
drwxr-xr-x 201/100 0 Nov 18 16:28 1996 suflat/home3/muller/suflat/rotate_old/
drwxr-xr-x 201/100 0 Sep 24 12:20 1996 suflat/home3/muller/suflat/rotate_old/wrk/
-rw-r--r-- 201/100 1404 Sep 24 12:18 1996 suflat/home3/muller/suflat/rotate_old/wrk/Makefile
-rw-r--r-- 201/100 3008 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/cmdInput.c
-rw-r--r-- 201/100 724 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/cmdInput.h
-rw-r--r-- 201/100 1956 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/compute_matrix.c
-rw-r--r-- 201/100 679 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/compute_matrix.h
-rw-r--r-- 201/100 2885 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/fltgrid.c
-rw-r--r-- 201/100 2849 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/grid_array.c
-rw-r--r-- 201/100 955 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/grid_array.h
-rw-r--r-- 201/100 3307 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/interpolate.c
-rw-r--r-- 201/100 545 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/interpolate.h
-rw-r--r-- 201/100 2167 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/plane.c
-rw-r--r-- 201/100 797 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/plane.h
-rw-r--r-- 201/100 1092 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/quad.c
-rw-r--r-- 201/100 489 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/quad.h
-rw-r--r-- 201/100 2943 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/roi.c
-rw-r--r-- 201/100 622 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/roi.h
-rw-r--r-- 201/100 1508 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/rotate.c
-rw-r--r-- 201/100 652 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/rotate.h
-rw-r--r-- 201/100 1488 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/surface.c
-rw-r--r-- 201/100 458 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/surface.h
-rw-r--r-- 201/100 2166 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/tfmgrid.c
-rw-r--r-- 201/100 1204 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/translate.c
-rw-r--r-- 201/100 711 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/translate.h
-rw-r--r-- 201/100 2417 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/vector.c
-rw-r--r-- 201/100 1148 Sep 23 17:34 1996 suflat/home3/muller/suflat/rotate_old/wrk/vector.h
-rw-r--r-- 201/100 2668 Sep 24 12:18 1996 suflat/home3/muller/suflat/rotate_old/wrk/cmdInput.o
-rw-r--r-- 201/100 600 Sep 24 12:18 1996 suflat/home3/muller/suflat/rotate_old/wrk/compute_matrix.o
-rw-r--r-- 201/100 1776 Sep 24 12:18 1996 suflat/home3/muller/suflat/rotate_old/wrk/grid_array.o
-rw-r--r-- 201/100 2000 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/interpolate.o
-rw-r--r-- 201/100 1560 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/plane.o
-rw-r--r-- 201/100 780 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/quad.o
-rw-r--r-- 201/100 1328 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/roi.o
-rw-r--r-- 201/100 544 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/rotate.o
-rw-r--r-- 201/100 1220 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/surface.o
-rw-r--r-- 201/100 668 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/translate.o
-rw-r--r-- 201/100 1320 Sep 24 12:19 1996 suflat/home3/muller/suflat/rotate_old/wrk/vector.o
drwxr-xr-x 201/100 0 Aug 26 09:21 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/
-rw-r--r-- 201/100 145 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/README.new
drwxr-xr-x 201/100 0 Dec 16 14:31 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/
-rw-r--r-- 201/100 43 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/fault.dat.Z
-rwxr-xr-x 201/100 12897 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/fltgrid.Z
-rwxr-xr-x 201/100 360 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runFromPbm.Z
-rwxr-xr-x 201/100 91 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runMkInt.Z
-rwxr-xr-x 201/100 205 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runMkT1c.sh.Z
-rwxr-xr-x 201/100 162 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runTest3d.Z
-rwxr-xr-x 201/100 47 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runTestFlt.Z
-rwxr-xr-x 201/100 195 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runTests.Z
-rwxr-xr-x 201/100 783 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runToPbm.Z
-rwxr-xr-x 201/100 37 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/runXv.Z
-rw-r--r-- 201/100 574 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t1.pbm.Z
-rw-r--r-- 201/100 5595 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t1.ps.Z
-rw-r--r-- 201/100 2166 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t1b.pbm.Z
-rw-r--r-- 201/100 24965 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t1c.pdat.Z
-rw-r--r-- 201/100 15657 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t1c.rgb.Z
-rw-r--r-- 201/100 46190 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t2.dat.Z
-rw-r--r-- 201/100 3691 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3.pbm.Z
-rw-r--r-- 201/100 5174 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3.ps.Z
-rw-r--r-- 201/100 3935 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3a.pbm.Z
-rw-r--r-- 201/100 3940 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3b.pbm.Z
-rw-r--r-- 201/100 393 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3c.3grpt.Z
-rw-r--r-- 201/100 37355 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3c.pdat.Z
-rw-r--r-- 201/100 51275 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t3c_orig.pdat.Z
-rw-r--r-- 201/100 38165 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/t4c.pdat.Z
-rw-r--r-- 201/100 91 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/test.dat.Z
-rw-r--r-- 201/100 69433 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/testout.dat.Z
-rw-r--r-- 201/100 19491 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/testout1.rgb.Z
-rw-r--r-- 201/100 126 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/testroi.dat.Z
-rw-r--r-- 201/100 153 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/testroi3d.dat.Z
-rwxr-xr-x 201/100 12423 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/tfmgrid.Z
-rw-r--r-- 201/100 1598 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/v1.dvue.Z
-rw-r--r-- 201/100 1620 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/v2.dvue.Z
-rw-r--r-- 201/100 1611 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/v3.dvue.Z
-rw-r--r-- 201/100 125 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/c1.pclr.Z
-rw-r--r-- 201/100 119 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate_old/rotGridDir/bin/cfbak.pclr.Z

```



-rwxr-xr-x 201/100 180 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/bin/run7grd.sh.Z  
-rw-r--r-- 201/100 11582 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/bin/t3c.3grd.Z  
-rw-r--r-- 201/100 51727 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/bin/t3c\_topbot.pdat.Z  
drwxr-xr-x 201/100 0 Dec 16 14:32 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/  
-rw-r--r-- 201/100 13919 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/00source.txt.Z  
-rw-r--r-- 201/100 201 Aug 26 09:22 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/fltgrid.usage.Z  
-rw-r--r-- 201/100 481 Aug 26 09:23 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/main.programs.Z  
-rw-r--r-- 201/100 272 Aug 26 09:22 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/tfmgrid.usage.Z  
-rw-r--r-- 201/100 3035 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/00headers.txt.Z  
-rw-r--r-- 201/100 1516 Aug 26 09:17 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/misc/functions.list.Z  
drwxr-xr-x 201/100 0 Dec 16 14:32 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/  
-rw-r--r-- 201/100 425 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/cmdInput.h.Z  
-rw-r--r-- 201/100 977 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/compute\_matrix.c.Z  
-rw-r--r-- 201/100 770 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/Makefile.Z  
-rw-r--r-- 201/100 384 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/compute\_matrix.h.Z  
-rw-r--r-- 201/100 1578 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/fltgrid.c.Z  
-rw-r--r-- 201/100 1531 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/cmdInput.c.Z  
-rw-r--r-- 201/100 1447 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/grid\_array.c.Z  
-rw-r--r-- 201/100 540 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/grid\_array.h.Z  
-rw-r--r-- 201/100 1572 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/interpolate.c.Z  
-rw-r--r-- 201/100 303 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/interpolate.h.Z  
-rw-r--r-- 201/100 1149 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/plane.c.Z  
-rw-r--r-- 201/100 466 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/plane.h.Z  
-rw-r--r-- 201/100 696 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/quad.c.Z  
-rw-r--r-- 201/100 291 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/quad.h.Z  
-rw-r--r-- 201/100 1508 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/roi.c.Z  
-rw-r--r-- 201/100 361 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/roi.h.Z  
-rw-r--r-- 201/100 878 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/rotate.c.Z  
-rw-r--r-- 201/100 374 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/rotate.h.Z  
-rw-r--r-- 201/100 828 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/surface.c.Z  
-rw-r--r-- 201/100 254 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/surface.h.Z  
-rw-r--r-- 201/100 1211 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/tfmgrid.c.Z  
-rw-r--r-- 201/100 1222 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/vector.c.Z  
-rw-r--r-- 201/100 689 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/translate.c.Z  
-rw-r--r-- 201/100 406 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/translate.h.Z  
-rw-r--r-- 201/100 591 Aug 26 06:03 1996 suflat/home3/muller/suflat/rotate\_old/rotGridDir/src/vector.h.Z  
-rw-r--r-- 201/100 525226 Aug 27 16:08 1996 suflat/home3/muller/suflat/rotate\_old/rotGrid.tar.Z  
drwxr-xr-x 201/100 0 Dec 16 14:30 1996 suflat/home3/muller/suflat/rotate\_old/bin/  
-rwxr-xr-x 201/100 127695 Sep 24 12:20 1996 suflat/home3/muller/suflat/rotate\_old/bin/fltgrid.Z  
-rwxr-xr-x 201/100 127307 Sep 24 12:20 1996 suflat/home3/muller/suflat/rotate\_old/bin/tfmgrid.Z  
drwxr-xr-x 201/100 0 Dec 16 14:30 1996 suflat/home3/muller/suflat/rotate\_old/ftn/  
-rw-r--r-- 201/100 1403 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/Makefile  
-rw-r--r-- 201/100 3008 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/cmdInput.c  
-rw-r--r-- 201/100 724 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/cmdInput.h  
-rw-r--r-- 201/100 1956 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/compute\_matrix.c  
-rw-r--r-- 201/100 679 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/compute\_matrix.h  
-rw-r--r-- 201/100 2885 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/fltgrid.c  
-rw-r--r-- 201/100 2849 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/grid\_array.c  
-rw-r--r-- 201/100 955 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/grid\_array.h  
-rw-r--r-- 201/100 3307 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/interpolate.c  
-rw-r--r-- 201/100 545 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/interpolate.h  
-rw-r--r-- 201/100 2167 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/plane.c  
-rw-r--r-- 201/100 797 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/plane.h  
-rw-r--r-- 201/100 1092 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/quad.c  
-rw-r--r-- 201/100 489 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/quad.h  
-rw-r--r-- 201/100 2943 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/roi.c  
-rw-r--r-- 201/100 622 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/roi.h  
-rw-r--r-- 201/100 1508 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/rotate.c  
-rw-r--r-- 201/100 652 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/rotate.h  
-rw-r--r-- 201/100 1488 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/surface.c  
-rw-r--r-- 201/100 458 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/surface.h  
-rw-r--r-- 201/100 2166 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/tfmgrid.c  
-rw-r--r-- 201/100 1204 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/translate.c  
-rw-r--r-- 201/100 711 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/translate.h  
-rw-r--r-- 201/100 2417 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/vector.c  
-rw-r--r-- 201/100 1148 Nov 18 16:36 1996 suflat/home3/muller/suflat/rotate\_old/ftn/vector.h  
-rw-r--r-- 201/100 206 Nov 18 17:26 1996 suflat/home3/muller/suflat/rotate\_old/ftn/Areadme  
-rw-r--r-- 201/100 1129 Nov 18 17:15 1996 suflat/home3/muller/suflat/rotate\_old/ftn/vectorf.h  
-rw-r--r-- 201/100 1124 Nov 18 17:47 1996 suflat/home3/muller/suflat/rotate\_old/ftn/vector.o  
-rw-r--r-- 201/100 3957 Nov 18 17:47 1996 suflat/home3/muller/suflat/rotate\_old/ftn/vector.F  
-rw-r--r-- 201/100 24 Nov 18 17:06 1996 suflat/home3/muller/suflat/rotate\_old/ftn/tmp.F  
-rw-r--r-- 201/100 432 Nov 18 17:23 1996 suflat/home3/muller/suflat/rotate\_old/ftn/t2.F  
-rw-r--r-- 201/100 79 Nov 20 12:40 1996 suflat/home3/muller/suflat/rotate\_old/ftn/aa  
-rw-r--r-- 201/100 2982 Nov 20 13:58 1996 suflat/home3/muller/suflat/rotate\_old/ftn/grid\_array.F  
-rw-r--r-- 201/100 909 Nov 20 12:43 1996 suflat/home3/muller/suflat/rotate\_old/ftn/grid\_arrayf.h  
-rw-r--r-- 201/100 223 Nov 20 13:52 1996 suflat/home3/muller/suflat/rotate\_old/ftn/GlobalVarsf.h  
drwxr-xr-x 201/100 0 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/  
drwxr-xr-x 201/100 0 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/  
-rw-r--r-- 201/100 1028 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/functions.list.gz  
-rw-r--r-- 201/100 7576 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/00source.txt.gz  
-rw-r--r-- 201/100 180 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/fltgrid.usage.gz

-rw-r--r-- 201/100 232 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/tfmgrid.usage.  
-rw-r--r-- 201/100 366 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/main.programs.gz  
-rw-r--r-- 201/100 1643 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/00headers.txt.gz  
-rw-r--r-- 201/100 37742 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/misc/list.961111  
drwxr-xr-x 201/100 0 Sep 19 23:17 1997 suflat/home3/muller/suflat/rotate\_grid/src/  
-rw-r--r-- 201/100 923 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/grid.h  
-rw-r--r-- 201/100 9475 Dec 9 15:58 1996 suflat/home3/muller/suflat/rotate\_grid/src/grid.c  
-rw-r--r-- 201/100 489 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/quad.h  
-rw-r--r-- 201/100 717 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/matrix.h  
-rw-r--r-- 201/100 2190 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/matrix.c  
-rw-r--r-- 201/100 10364 Dec 16 20:17 1996 suflat/home3/muller/suflat/rotate\_grid/src/cmdInput.o  
-rw-r--r-- 201/100 1148 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/vector.h  
-rw-r--r-- 201/100 1328 Dec 16 20:17 1996 suflat/home3/muller/suflat/rotate\_grid/src/matrix.o  
-rw-r--r-- 201/100 2173 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/plane.c  
-rw-r--r-- 201/100 29096 Dec 16 20:17 1996 suflat/home3/muller/suflat/rotate\_grid/src/grid.o  
-rw-r--r-- 201/100 221 Dec 6 12:32 1996 suflat/home3/muller/suflat/rotate\_grid/src/t.c  
-rw-r--r-- 201/100 3222 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/rotate.c  
-rw-r--r-- 201/100 1734 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/surface.c  
-rw-r--r-- 201/100 1188 Dec 16 20:17 1996 suflat/home3/muller/suflat/rotate\_grid/src/nearest.o  
-rw-r--r-- 201/100 3008 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/cmdInput.c  
-rw-r--r-- 201/100 456 Dec 16 20:17 1996 suflat/home3/muller/suflat/rotate\_grid/src/gridIndex.o  
-rw-r--r-- 201/100 3594 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/interpolate.c  
-rw-r--r-- 201/100 1092 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/quad.c  
-rw-r--r-- 201/100 3246 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/roi.c  
-rw-r--r-- 201/100 797 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/plane.h  
-rw-r--r-- 201/100 453 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/surface.h  
-rw-r--r-- 201/100 3344 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/plane.o  
-rw-r--r-- 201/100 3262 Dec 4 10:39 1996 suflat/home3/muller/suflat/rotate\_grid/src/translate.c  
-rw-r--r-- 201/100 755 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/translate.h  
-rw-r--r-- 201/100 754 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/cmdInput.h  
-rw-r--r-- 201/100 2416 Dec 9 15:10 1996 suflat/home3/muller/suflat/rotate\_grid/src/vector.c  
-rw-r--r-- 201/100 409 Dec 4 11:27 1996 suflat/home3/muller/suflat/rotate\_grid/src/t.f  
-rw-r--r-- 201/100 622 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/roi.h  
-rw-r--r-- 201/100 683 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/rotate.h  
-rw-r--r-- 201/100 3714 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/tfmgrid.c  
-rw-r--r-- 201/100 7160 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/interpolate.o  
-rw-r--r-- 201/100 2944 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/quad.o  
-rw-r--r-- 201/100 11688 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/roi.o  
-rw-r--r-- 201/100 7856 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/rotate.o  
-rw-r--r-- 201/100 8116 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/surface.o  
-rwxr-xr-x 201/100 181 Dec 16 11:59 1996 suflat/home3/muller/suflat/rotate\_grid/src/Makelib  
-rw-r--r-- 201/100 242 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/TOD0  
-rw-r--r-- 201/100 3472 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftlgrid.c  
-rw-r--r-- 201/100 497 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/interpolate.h  
-rw-r--r-- 201/100 1625 Nov 27 18:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/Makefile  
drwxr-xr-x 201/100 0 Dec 16 14:33 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/  
-rw-r--r-- 201/100 4615 Dec 4 09:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/grid.o.Z  
-rw-r--r-- 201/100 1510 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/interpolate.o.Z  
-rw-r--r-- 201/100 608 Nov 27 18:56 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/matrix.o.Z  
-rw-r--r-- 201/100 511 Nov 27 18:56 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/nearest.o.Z  
-rw-r--r-- 201/100 1151 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/plane.o.Z  
-rw-r--r-- 201/100 580 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/quad.o.Z  
-rw-r--r-- 201/100 1516 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/roi.o.Z  
-rw-r--r-- 201/100 1381 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/rotate.o.Z  
-rw-r--r-- 201/100 1037 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/surface.o.Z  
-rw-r--r-- 201/100 1329 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/translate.o.Z  
-rw-r--r-- 201/100 1024 Nov 27 18:57 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/vector.o.Z  
-rw-r--r-- 201/100 1546 Nov 27 18:56 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/cmdInput.o.Z  
-rw-r--r-- 201/100 177 Nov 27 18:56 1996 suflat/home3/muller/suflat/rotate\_grid/src/cc.os/gridindex.o.Z  
-rw-r--r-- 201/100 5732 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/translate.o  
-rw-r--r-- 201/100 702 Nov 22 15:54 1996 suflat/home3/muller/suflat/rotate\_grid/src/gridindex.c  
-rw-r--r-- 201/100 17283 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftlblock.c  
-rw-r--r-- 201/100 462 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/nearest.h  
-rw-r--r-- 201/100 1529 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/nearest.c  
-rw-r--r-- 201/100 465 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/gridindex.h  
-rw-r--r-- 201/100 2220 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/src/vector.o  
-rw-r--r-- 201/100 22661 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftlblock.bak  
-rw-r--r-- 201/100 23093 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftlblock.bak2  
-rw-r--r-- 201/100 24631 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftlblock.bak3  
-rw-r--r-- 201/100 3356 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftlgrid.bak  
-rw-r--r-- 201/100 10554 Dec 9 16:13 1996 suflat/home3/muller/suflat/rotate\_grid/src/grid.F  
-rw-r--r-- 201/100 10554 Dec 16 20:27 1996 suflat/home3/muller/suflat/rotate\_grid/src/grid.F.sav  
-rw-r--r-- 201/100 925 Nov 27 16:07 1996 suflat/home3/muller/suflat/rotate\_grid/src/gridf.h  
-rw-r--r-- 201/100 3976 Dec 9 15:12 1996 suflat/home3/muller/suflat/rotate\_grid/src/vector.F  
-rw-r--r-- 201/100 93354 Dec 16 12:05 1996 suflat/home3/muller/suflat/rotate\_grid/src/rotate\_grid.a  
-rw-r--r-- 201/100 3966 Dec 11 11:49 1996 suflat/home3/muller/suflat/rotate\_grid/src/tfmgrid.F  
-rw-r--r-- 201/100 1153 Nov 27 16:06 1996 suflat/home3/muller/suflat/rotate\_grid/src/vectorf.h  
-rw-r--r-- 201/100 637 Nov 27 16:06 1996 suflat/home3/muller/suflat/rotate\_grid/src/gridCommon.h  
-rw-r--r-- 201/100 467 Nov 25 00:10 1996 suflat/home3/muller/suflat/rotate\_grid/src/gridIndexf.h  
-rw-r--r-- 201/100 95 Nov 27 17:17 1996 suflat/home3/muller/suflat/rotate\_grid/src/stderrConst.h  
drwxr-xr-x 201/100 0 Dec 16 20:00 1996 suflat/home3/muller/suflat/rotate\_grid/src/ftn.os/

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-rw-r--r-- 201/100 23800 Dec 4 09:54 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/grid.o
-rw-r--r-- 201/100 272 Nov 27 19:06 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/gridindex.o
-rw-r--r-- 201/100 5412 Nov 27 19:06 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/interpolate.o
-rw-r--r-- 201/100 1328 Nov 27 19:06 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/matrix.o
-rw-r--r-- 201/100 756 Nov 27 19:06 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/nearest.o
-rw-r--r-- 201/100 2116 Nov 27 19:06 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/plane.o
-rw-r--r-- 201/100 1488 Nov 27 19:56 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/quad.o
-rw-r--r-- 201/100 9688 Nov 27 19:33 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/roi.o
-rw-r--r-- 201/100 5416 Nov 27 19:56 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/rotate.o
-rw-r--r-- 201/100 4456 Nov 27 19:56 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/surface.o
-rw-r--r-- 201/100 1572 Nov 27 18:55 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/tfmgrid.o
-rw-r--r-- 201/100 5228 Nov 27 23:03 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/translate.o
-rw-r--r-- 201/100 3756 Nov 27 19:40 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/vector.o
-rw-r--r-- 201/100 10420 Nov 27 23:00 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/cmdInput.o
-rw-r--r-- 201/100 12244 Nov 27 18:55 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/ftblock.o
-rw-r--r-- 201/100 6372 Nov 27 19:06 1996 suflat/home3/muller/suflat/rotate_grid/src/ftn.os/ftgrid.o
-rw-r--r-- 201/100 218 Dec 6 12:35 1996 suflat/home3/muller/suflat/rotate_grid/src/t2.f
-rw-r--r-- 201/100 3679 Dec 9 13:52 1996 suflat/home3/muller/suflat/rotate_grid/src/interpolate.F
-rw-r--r-- 201/100 465 Nov 25 14:08 1996 suflat/home3/muller/suflat/rotate_grid/src/interpolate.f.h
-rw-r--r-- 201/100 2496 Dec 4 11:30 1996 suflat/home3/muller/suflat/rotate_grid/src/matrix.F
-rw-r--r-- 201/100 697 Nov 25 01:13 1996 suflat/home3/muller/suflat/rotate_grid/src/matrix.f.h
-rw-r--r-- 201/100 1525 Dec 9 15:31 1996 suflat/home3/muller/suflat/rotate_grid/src/nearest.F
-rw-r--r-- 201/100 442 Nov 25 01:47 1996 suflat/home3/muller/suflat/rotate_grid/src/nearest.f.h
-rw-r--r-- 201/100 1365 Dec 9 16:30 1996 suflat/home3/muller/suflat/rotate_grid/src/quad.F
-rw-r--r-- 201/100 473 Nov 25 01:49 1996 suflat/home3/muller/suflat/rotate_grid/src/quad.f.h
-rw-r--r-- 201/100 2483 Dec 9 16:19 1996 suflat/home3/muller/suflat/rotate_grid/src/plane.F
-rw-r--r-- 201/100 834 Nov 25 07:49 1996 suflat/home3/muller/suflat/rotate_grid/src/plane.f.h
-rw-r--r-- 201/100 3972 Dec 9 15:43 1996 suflat/home3/muller/suflat/rotate_grid/src/rotate.F
-rw-r--r-- 201/100 662 Nov 25 14:07 1996 suflat/home3/muller/suflat/rotate_grid/src/rotate.f.h
-rw-r--r-- 201/100 585 Nov 25 14:55 1996 suflat/home3/muller/suflat/rotate_grid/src/roi.f.h
-rw-r--r-- 201/100 1736 Dec 9 15:15 1996 suflat/home3/muller/suflat/rotate_grid/src/surface.F
-rw-r--r-- 201/100 427 Nov 25 15:20 1996 suflat/home3/muller/suflat/rotate_grid/src/surface.f.h
-rw-r--r-- 201/100 3134 Dec 9 15:43 1996 suflat/home3/muller/suflat/rotate_grid/src/translate.F
-rw-r--r-- 201/100 3805 Dec 9 16:38 1996 suflat/home3/muller/suflat/rotate_grid/src/roi.F
-rw-r--r-- 201/100 370 Dec 6 12:54 1996 suflat/home3/muller/suflat/rotate_grid/src/roiCommon.h
-rw-r--r-- 201/100 3901 Dec 9 16:41 1996 suflat/home3/muller/suflat/rotate_grid/src/cmdInput.F
-rw-r--r-- 201/100 707 Nov 25 19:41 1996 suflat/home3/muller/suflat/rotate_grid/src/cmdInput.f.h
-rw-r--r-- 201/100 214 Dec 9 17:05 1996 suflat/home3/muller/suflat/rotate_grid/src/aa
-rw-r--r-- 201/100 1710 Dec 9 16:42 1996 suflat/home3/muller/suflat/rotate_grid/src/makefile
-rw-r--r-- 201/100 774 Dec 16 18:18 1996 suflat/home3/muller/suflat/rotate_grid/src/gridIndex.F
-rw-r--r-- 201/100 736 Nov 27 16:39 1996 suflat/home3/muller/suflat/rotate_grid/src/translate.f.h
drwxr-xr-x 201/100 0 Sep 19 23:17 1997 suflat/home3/muller/suflat/rotate_grid/bin/
-rwxr-xr-x 201/100 47 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runTestFlt
-rwxr-xr-x 201/100 163840 Dec 4 10:40 1996 suflat/home3/muller/suflat/rotate_grid/bin/ftblock
-rwxr-xr-x 201/100 1754 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runToPbm
-rwxr-xr-x 201/100 40 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runXv
-rwxr-xr-x 201/100 318 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runBlock
-rw-r--r-- 201/100 843 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/tmp.roi
-rwxr-xr-x 201/100 642 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runRoiToDat
-rw-r--r-- 201/100 414 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t3croi.dat
-rw-r--r-- 201/100 72015 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t3c.pdat.Z
-rwxr-xr-x 201/100 601 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runT
-rw-r--r-- 201/100 423 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/hdr.pdat.Z
-rw-r--r-- 201/100 1128 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t1c.pbm
-rw-r--r-- 201/100 2112 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t2c.pbm
-rw-r--r-- 201/100 25339 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t1c.pdat.Z
-rwxr-xr-x 201/100 368 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/runBlock2
-rw-r--r-- 201/100 4275 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/log
-rw-r--r-- 201/100 1443 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/log2
-rw-r--r-- 201/100 2631 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t4c.pbm
-rwxr-xr-x 201/100 172032 Dec 4 10:40 1996 suflat/home3/muller/suflat/rotate_grid/bin/ftgrid
-rw-r--r-- 201/100 132 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/tmp.flit
-rw-r--r-- 201/100 60 Nov 27 17:42 1996 suflat/home3/muller/suflat/rotate_grid/bin/3x3.xyzp.Z
-rw-r--r-- 201/100 17688 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t4c.sc
-rw-r--r-- 201/100 80871 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t4c.pdat.Z
-rw-r--r-- 201/100 6029 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/tmp.slice
-rw-r--r-- 201/100 66111 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t2c.pdat.Z
-rw-r--r-- 201/100 2631 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/t5c.pbm
drwxr-xr-x 201/100 0 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/
-rw-r--r-- 201/100 61 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/fault.dat.gz
-rwxr-xr-x 201/100 16404 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/ftgrid.gz
-rwxr-xr-x 201/100 9930 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/ftgrid.old.gz
-rwxr-xr-x 201/100 104 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runMkInt.gz
-rwxr-xr-x 201/100 205 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runMkT1c.sh.gz
-rwxr-xr-x 201/100 194 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runT3c_3grd.sh.gz
-rwxr-xr-x 201/100 154 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runTest3d.gz
-rwxr-xr-x 201/100 70 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runTestFlt.gz
-rwxr-xr-x 201/100 178 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runTests.gz
-rwxr-xr-x 201/100 594 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runToPbm.gz
-rwxr-xr-x 201/100 51 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/runXv.gz
-rw-r--r-- 201/100 1277 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate_grid/bin/BAKDIR/t1.ps.gz

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-rw-r--r-- 201/100 367 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t1b.pb  
-rw-r--r-- 201/100 7633 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t1c.rgb.gz  
-rw-r--r-- 201/100 33667 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t2.dat.gz  
-rw-r--r-- 201/100 2417 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3.pbm.gz  
-rw-r--r-- 201/100 1212 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3.ps.gz  
-rw-r--r-- 201/100 2670 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3a.pbm.gz  
-rw-r--r-- 201/100 3428 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3c.3grd.gz  
-rw-r--r-- 201/100 325 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3c.3grpt.gz  
-rw-r--r-- 201/100 21217 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3c.pdat.gz  
-rw-r--r-- 201/100 26144 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3c\_topbot.pdat.gz  
-rw-r--r-- 201/100 21952 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t4c.pdat.gz  
-rw-r--r-- 201/100 82 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/test.dat.gz  
-rw-r--r-- 201/100 47433 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/testout.dat.gz  
-rw-r--r-- 201/100 9472 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/testout1.rgb.gz  
-rw-r--r-- 201/100 104 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/testroi.dat.gz  
-rw-r--r-- 201/100 145 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/testroi3d.dat.gz  
-rwxr-xr-x 201/100 16069 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/tfmgrid.gz  
-rw-r--r-- 201/100 1118 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/v1.dvue.gz  
-rw-r--r-- 201/100 1134 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/v2.dvue.gz  
-rw-r--r-- 201/100 1144 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/v3.dvue.gz  
-rw-r--r-- 201/100 87 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/c1.pclr.gz  
-rw-r--r-- 201/100 76 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/cfbak.pclr.gz  
-rwxr-xr-x 201/100 326 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/runFromPbm.gz  
-rw-r--r-- 201/100 471 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t1.pbm.gz  
-rw-r--r-- 201/100 14187 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t1c.pdat.gz  
-rw-r--r-- 201/100 2682 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3b.pbm.gz  
-rw-r--r-- 201/100 25955 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/t3c\_orig.pdat.gz  
-rwxr-xr-x 201/100 9613 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/BAKDIR/tfmgrid.old.gz  
-rwxr-xr-x 201/100 450 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/runTest3d  
-rwxr-xr-x 201/100 678 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/runFromPbm  
-rw-r--r-- 201/100 64 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/fault.dat  
-rwxr-xr-x 201/100 191 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/runSlice  
-rw-r--r-- 201/100 0 Nov 27 17:09 1996 suflat/home3/muller/suflat/rotate\_grid/bin/t1c.tmp  
-rwxr-xr-x 201/100 237568 Dec 16 20:18 1996 suflat/home3/muller/suflat/rotate\_grid/bin/tfmgrid.x  
-rw-r--r-- 201/100 486 Nov 27 17:42 1996 suflat/home3/muller/suflat/rotate\_grid/bin/3x3.out.sav  
lrwxrwxrwx 201/100 11 Sep 19 18:25 1997 suflat/home3/muller/suflat/rotate\_grid/bin/31.out symbolic link to 31x51.45deg  
-rw-r--r-- 201/100 0 Dec 17 11:43 1996 suflat/home3/muller/suflat/rotate\_grid/bin/Stderr.out  
-rw-r--r-- 201/100 196 Dec 16 19:35 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31x51.45doc  
-rwxr-xr-x 201/100 172032 Dec 4 10:40 1996 suflat/home3/muller/suflat/rotate\_grid/bin/tfmgrid  
-rw-r--r-- 201/100 197 Nov 27 18:58 1996 suflat/home3/muller/suflat/rotate\_grid/bin/Output  
-rw-r--r-- 201/100 518 Dec 4 09:56 1996 suflat/home3/muller/suflat/rotate\_grid/bin/t.out.sav  
-rw-r--r-- 201/100 126 Dec 11 11:46 1996 suflat/home3/muller/suflat/rotate\_grid/bin/tm  
-rw-r--r-- 201/100 486 Dec 11 11:46 1996 suflat/home3/muller/suflat/rotate\_grid/bin/tm2  
-rw-r--r-- 201/100 799 Dec 16 20:44 1996 suflat/home3/muller/suflat/rotate\_grid/bin/testreadxyzp.f  
-rw-r--r-- 201/100 221 Dec 5 18:42 1996 suflat/home3/muller/suflat/rotate\_grid/bin/a.roi  
-rw-r--r-- 201/100 581 Dec 4 10:40 1996 suflat/home3/muller/suflat/rotate\_grid/bin/aa  
-rw-r--r-- 201/100 16425 Dec 16 19:29 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31x51.xyzp.Z  
-rw-r--r-- 201/100 81083 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/bin/t5c.pdat.Z  
lrwxrwxrwx 201/100 8 Sep 19 18:25 1997 suflat/home3/muller/suflat/rotate\_grid/bin/a symbolic link to 3x3.xyzp  
-rw-r--r-- 201/100 195 Dec 16 19:47 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31x51.26doc  
-rwxr-xr-x 201/100 37937 Dec 16 19:46 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31x51.26deg.Z  
-rw-r--r-- 201/100 8 Dec 16 20:45 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31.in  
-rw-r--r-- 201/100 3493 Dec 16 20:45 1996 suflat/home3/muller/suflat/rotate\_grid/bin/d.out  
-rw-r--r-- 201/100 3493 Dec 16 20:46 1996 suflat/home3/muller/suflat/rotate\_grid/bin/e.out  
-rw-r--r-- 201/100 41739 Dec 16 19:30 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31x51.45deg.Z  
-rw-r--r-- 201/100 36635 Dec 16 20:38 1996 suflat/home3/muller/suflat/rotate\_grid/bin/31x51.45degF.Z  
-rw-r--r-- 201/100 905 Dec 5 13:53 1996 suflat/home3/muller/suflat/rotate\_grid/bin/t2.f  
drwxr-xr-x 201/100 0 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/archive/  
-rw-r--r-- 201/100 301826 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/archive/rotGrid\_960823.tar.gz  
-rw-r--r-- 201/100 146704 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/archive/rotGrid\_961106.tar.gz  
-rw-r--r-- 201/100 76 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/charge.no  
drwxr-xr-x 201/100 0 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/rgbdir/  
-rw-r--r-- 201/100 145 Nov 22 15:55 1996 suflat/home3/muller/suflat/rotate\_grid/README.new  
-rw-r--r-- 201/1001264313 Nov 24 17:08 1996 suflat/home3/muller/suflat/rotGridDir.tar.Z  
drwxr-xr-x 201/100 0 Sep 19 23:17 1997 suflat/home3/muller/suflat/mvprop/  
lrwxrwxrwx 201/100 18 Sep 19 18:25 1997 suflat/home3/muller/suflat/mvprop/a symbolic link to ../rotate\_grid/src  
-rw-r--r-- 201/100 1999 Dec 16 16:23 1996 suflat/home3/muller/suflat/mvprop/loadGrid.f  
-rw-r--r-- 201/100 3252 Dec 16 12:06 1996 suflat/home3/muller/suflat/mvprop/loadRoi.f  
-rw-r--r-- 201/100 2219 Dec 17 12:28 1996 suflat/home3/muller/suflat/mvprop/writeGrid.f  
-rw-r--r-- 201/100 857 Dec 16 17:33 1996 suflat/home3/muller/suflat/mvprop/testread.f  
-rw-r--r-- 201/100 63 Dec 16 19:20 1996 suflat/home3/muller/suflat/mvprop/aa  
-rw-r--r-- 201/100 1978 Dec 17 14:43 1996 suflat/home3/muller/suflat/mvprop/getInput.f  
-rw-r--r-- 201/100 375 Dec 15 02:40 1996 suflat/home3/muller/suflat/mvprop/roiCommon.h  
drwxr-xr-x 201/100 0 Dec 15 01:01 1996 suflat/home3/muller/suflat/mvprop/org/  
-rw-r--r-- 201/100 347 Dec 14 23:59 1996 suflat/home3/muller/suflat/mvprop/org/aa  
-rw-r--r-- 201/100 355 Dec 14 23:59 1996 suflat/home3/muller/suflat/mvprop/org/ab  
-rw-r--r-- 201/100 159 Dec 15 00:04 1996 suflat/home3/muller/suflat/mvprop/org/ac  
-rw-r--r-- 201/100 531 Dec 13 11:32 1996 suflat/home3/muller/suflat/mvprop/org/bfHdrCommon.h  
-rw-r--r-- 201/100 637 Dec 14 23:34 1996 suflat/home3/muller/suflat/mvprop/org/gridCommon.h  
-rw-r--r-- 201/100 516 Dec 14 23:03 1996 suflat/home3/muller/suflat/mvprop/org/in1\_rotate  
-rw-r--r-- 201/100 1454 Dec 15 00:40 1996 suflat/home3/muller/suflat/mvprop/org/moveOutToInGrid.f

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-rw-r--r-- 201/100 466 Dec 13 07:15 1996 suflat/home3/muller/suflat/mvprop/org/rng.h
-rw-r--r-- 201/100 370 Dec 13 08:12 1996 suflat/home3/muller/suflat/mvprop/org/roiCommon.h
-rw-r--r-- 201/100 1944 Dec 15 01:01 1996 suflat/home3/muller/suflat/mvprop/org/rotate.f
-rw-r--r-- 201/100 95 Dec 13 09:30 1996 suflat/home3/muller/suflat/mvprop/org/stderrConst.h
-rw-r--r-- 201/100 1709 Dec 16 13:32 1996 suflat/home3/muller/suflat/mvprop/moveOutToInGrid.f
-rw-r--r-- 201/100 531 Dec 15 01:35 1996 suflat/home3/muller/suflat/mvprop/bfHdrCommon.h
-rw-r--r-- 201/100 637 Dec 17 15:05 1996 suflat/home3/muller/suflat/mvprop/gridCommon.h
-rw-r--r-- 201/100 95 Dec 15 01:35 1996 suflat/home3/muller/suflat/mvprop/stderrConst.h
drwxr-xr-x 201/100 0 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/
-rw-r--r-- 201/100 566 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/vectorf.h.Z
-rw-r--r-- 201/100 1978 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/getInput.f
-rw-r--r-- 201/100 1369 Dec 16 12:08 1996 suflat/home3/muller/suflat/mvprop/sav/loadRoi.f.Z
-rw-r--r-- 201/100 468 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/planef.h.Z
-rw-r--r-- 201/100 503 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/gridf.h.Z
-rw-r--r-- 201/100 260 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/roiCommon.h.Z
-rw-r--r-- 201/100 1118 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/getInput.f.Z
-rw-r--r-- 201/100 890 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/loadGrid.f.Z
-rw-r--r-- 201/100 3154 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/rotate.f.Z
-rw-r--r-- 201/100 86 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/stderrConst.h.Z
-rw-r--r-- 201/100 850 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/writeGrid.f.Z
-rw-r--r-- 201/100 1999 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/loadGrid.f
-rw-r--r-- 201/100 245 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/bfHdrCommon.h.Z
-rw-r--r-- 201/100 326 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/gridCommon.h.Z
-rw-r--r-- 201/100 766 Dec 15 02:42 1996 suflat/home3/muller/suflat/mvprop/sav/moveOutToInGrid.f.Z
-rw-r--r-- 201/100 3252 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/loadRoi.f
-rw-r--r-- 201/100 1709 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/moveOutToInGrid.f
-rw-r--r-- 201/100 7295 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/mvprop.f
-rw-r--r-- 201/100 857 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/testread.f
-rw-r--r-- 201/100 1106 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/testwrite.f
-rw-r--r-- 201/100 2081 Dec 16 19:18 1996 suflat/home3/muller/suflat/mvprop/sav/writeGrid.f
lrwxrwxrwx 201/100 9 Sep 19 18:25 1997 suflat/home3/muller/suflat/mvprop/gridf.h symbolic link to a/gridf.h
lrwxrwxrwx 201/100 11 Sep 19 18:25 1997 suflat/home3/muller/suflat/mvprop/vectorf.h symbolic link to a/vectorf.h
-rw-r--r-- 201/100 2468 Dec 16 13:33 1996 suflat/home3/muller/suflat/mvprop/moveOutToInGrid.o
-rw-r--r-- 201/100 3652 Dec 17 14:40 1996 suflat/home3/muller/suflat/mvprop/writeGrid.o
-rw-r--r-- 201/100 843 Dec 15 02:41 1996 suflat/home3/muller/suflat/mvprop/planef.h
-rw-r--r-- 201/100 587 Dec 17 14:50 1996 suflat/home3/muller/suflat/mvprop/in1_mvprop
-rw-r--r-- 201/100 4312 Dec 16 15:36 1996 suflat/home3/muller/suflat/mvprop/loadGrid.o
-rw-r--r-- 201/100 3076 Dec 17 14:45 1996 suflat/home3/muller/suflat/mvprop/getInput.o
-rw-r--r-- 201/100 3608 Dec 16 12:06 1996 suflat/home3/muller/suflat/mvprop/loadRoi.o
-rw-r--r-- 201/100 1106 Dec 16 16:56 1996 suflat/home3/muller/suflat/mvprop/testwrite.f
-rwxr-xr-x 201/100 163840 Dec 17 14:47 1996 suflat/home3/muller/suflat/mvprop/a.out
-rw-r--r-- 201/100 72337 Dec 16 16:56 1996 suflat/home3/muller/suflat/mvprop/fort.21
-rw-r--r-- 201/100 72337 Dec 17 15:03 1996 suflat/home3/muller/suflat/mvprop/in5_ksat
-rwxr-xr-x 201/100 107 Dec 16 15:03 1996 suflat/home3/muller/suflat/mvprop/Comp
-rwxr-xr-x 201/100 107 Dec 16 12:02 1996 suflat/home3/muller/suflat/mvprop/Comp2
-rwxr-xr-x 201/100 262144 Dec 17 15:05 1996 suflat/home3/muller/suflat/mvprop/mvprop.x
-rw-r--r-- 201/100 4634 Dec 16 12:09 1996 suflat/home3/muller/suflat/mvprop/INPUT1
-rw-r--r-- 201/100 7423 Dec 17 15:04 1996 suflat/home3/muller/suflat/mvprop/mvprop.f
-rw-r--r-- 201/100 922 Dec 16 19:27 1996 suflat/home3/muller/suflat/mvprop/testwritexyzp.f
-rw-r--r-- 201/100 111372 Dec 17 14:47 1996 suflat/home3/muller/suflat/mvprop/fort.21.xyzp
-rw-r--r-- 201/100 85340 Dec 16 14:27 1996 suflat/home3/muller/suflat/mvprop/rotate_grid.a
drwxr-xr-x 201/100 0 Sep 19 23:17 1997 suflat/home3/muller/suflat/tmpmvprop/
-rwxr-xr-x 201/100 106 Dec 16 17:46 1996 suflat/home3/muller/suflat/tmpmvprop/Comp
-rwxr-xr-x 201/100 107 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/Comp2
-rwxr-xr-x 201/100 124 Dec 16 14:44 1996 suflat/home3/muller/suflat/tmpmvprop/Comp3
-rw-r--r-- 201/100 4634 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/INPUT1
-rw-r--r-- 201/100 2079 Dec 16 20:53 1996 suflat/home3/muller/suflat/tmpmvprop/aa
-rw-r--r-- 201/100 531 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/bfHdrCommon.h
-rwxr-xr-x 201/100 163840 Dec 16 20:57 1996 suflat/home3/muller/suflat/tmpmvprop/a2.out
-rw-r--r-- 201/100 138 Dec 16 16:13 1996 suflat/home3/muller/suflat/tmpmvprop/ab
-rw-r--r-- 201/100 1978 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/getInput.f
-rw-r--r-- 201/100 3076 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/getInput.o
-rw-r--r-- 201/100 10554 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/grid.F
-rw-r--r-- 201/100 637 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/gridCommon.h
-rw-r--r-- 201/100 925 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/gridf.h
-rw-r--r-- 201/100 588 Dec 17 14:53 1996 suflat/home3/muller/suflat/tmpmvprop/in1_rotate
-rw-r--r-- 201/100 72337 Dec 17 14:53 1996 suflat/home3/muller/suflat/tmpmvprop/in5_ksat
-rw-r--r-- 201/100 1999 Dec 16 16:34 1996 suflat/home3/muller/suflat/tmpmvprop/loadGrid.f
-rw-r--r-- 201/100 4312 Dec 16 16:35 1996 suflat/home3/muller/suflat/tmpmvprop/loadGrid.o
-rw-r--r-- 201/100 3252 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/loadRoi.f
-rw-r--r-- 201/100 3608 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/loadRoi.o
-rw-r--r-- 201/100 1709 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/moveOutToInGrid.f
-rw-r--r-- 201/100 2468 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/moveOutToInGrid.o
-rw-r--r-- 201/100 7294 Dec 16 16:35 1996 suflat/home3/muller/suflat/tmpmvprop/mvprop.f
-rw-r--r-- 201/100 843 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/planef.h
-rw-r--r-- 201/100 375 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/roiCommon.h
lrwxrwxrwx 201/100 18 Sep 19 18:26 1997 suflat/home3/muller/suflat/tmpmvprop/a symbolic link to ../rotate_grid/src
-rw-r--r-- 201/100 1670 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/rot.F
-rw-r--r-- 201/100 2548 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/rot.o
-rw-r--r-- 201/100 4046 Dec 16 15:03 1996 suflat/home3/muller/suflat/tmpmvprop/rotate.F
-rw-r--r-- 201/100 4080 Dec 16 15:03 1996 suflat/home3/muller/suflat/tmpmvprop/rotate.o

```

-rw-r--r-- 201/100 83904 Dec 16 14:43 1996 suflat/home3/muller/suflat/tmpmvprop/rotate\_grid.a  
-rw-r--r-- 201/100 95 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/stderrConst.h  
-rw-r--r-- 201/100 1106 Dec 16 16:50 1996 suflat/home3/muller/suflat/tmpmvprop/testwrite.f  
-rw-r--r-- 201/100 1153 Dec 16 14:35 1996 suflat/home3/muller/suflat/tmpmvprop/vectorf.h  
-rw-r--r-- 201/100 2527 Dec 17 12:22 1996 suflat/home3/muller/suflat/tmpmvprop/writeGrid.f  
-rw-r--r-- 201/100 5652 Dec 17 12:23 1996 suflat/home3/muller/suflat/tmpmvprop/writeGrid.o  
-rw-r--r-- 201/100 2541 Dec 16 14:43 1996 suflat/home3/muller/suflat/tmpmvprop/matrix.F  
-rw-r--r-- 201/100 1336 Dec 16 14:43 1996 suflat/home3/muller/suflat/tmpmvprop/matrix.o  
-rwxr-xr-x 201/100 262144 Dec 17 12:23 1996 suflat/home3/muller/suflat/tmpmvprop/mvprop.x  
drwxr-xr-x 201/100 0 Sep 19 23:17 1997 suflat/home3/muller/suflat/tmpmvprop/new/  
-rw-r--r-- 201/100 1999 Dec 16 16:23 1996 suflat/home3/muller/suflat/tmpmvprop/new/loadGrid.f  
-rw-r--r-- 201/100 2079 Dec 16 16:23 1996 suflat/home3/muller/suflat/tmpmvprop/new/writeGrid.f  
-rw-r--r-- 201/100 7295 Dec 16 16:33 1996 suflat/home3/muller/suflat/tmpmvprop/new/mvprop.f  
-rwxr-xr-x 201/100 119 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/Comp  
-rw-r--r-- 201/100 531 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/bfHdrCommon.h  
-rw-r--r-- 201/100 637 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/gridCommon.h  
-rw-r--r-- 201/100 925 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/gridf.h  
-rw-r--r-- 201/100 843 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/planef.h  
-rw-r--r-- 201/100 375 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/roiCommon.h  
-rw-r--r-- 201/100 95 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/stderrConst.h  
-rw-r--r-- 201/100 1153 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/vectorf.h  
-rw-r--r-- 201/100 4312 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/loadGrid.o  
-rw-r--r-- 201/100 3580 Dec 16 16:26 1996 suflat/home3/muller/suflat/tmpmvprop/new/writeGrid.o  
lrwxrwxrwx 201/100 11 Sep 19 18:26 1997 suflat/home3/muller/suflat/tmpmvprop/new/in5\_ksat symbolic link to ../in5\_ksat  
lrwxrwxrwx 201/100 9 Sep 19 18:26 1997 suflat/home3/muller/suflat/tmpmvprop/new/INPUT1 symbolic link to ../INPUT1  
-rw-r--r-- 201/100 580 Dec 16 16:27 1996 suflat/home3/muller/suflat/tmpmvprop/new/in1\_rotate  
-rw-r--r-- 201/100 1766 Dec 16 16:29 1996 suflat/home3/muller/suflat/tmpmvprop/loadGrid.f.org  
-rw-r--r-- 201/100 1978 Dec 16 16:30 1996 suflat/home3/muller/suflat/tmpmvprop/writeGrid.f.org  
-rw-r--r-- 201/100 859 Dec 16 21:05 1996 suflat/home3/muller/suflat/tmpmvprop/testread.f  
-rw-r--r-- 201/100 72337 Dec 16 16:48 1996 suflat/home3/muller/suflat/tmpmvprop/fort.22  
-rw-r--r-- 201/100 72337 Dec 16 16:56 1996 suflat/home3/muller/suflat/tmpmvprop/fort.21.sav  
-rw-r--r-- 201/100 111744 Dec 17 14:53 1996 suflat/home3/muller/suflat/tmpmvprop/fort.51  
-rwxr-xr-x 201/100 163840 Dec 16 21:05 1996 suflat/home3/muller/suflat/tmpmvprop/a.out  
-rw-r--r-- 201/100 799 Dec 16 20:58 1996 suflat/home3/muller/suflat/tmpmvprop/testreadxyzp.f  
lrwxrwxrwx 201/100 7 Sep 19 18:26 1997 suflat/home3/muller/suflat/tmpmvprop/31.out symbolic link to fort.51  
-rw-r--r-- 201/100 8 Dec 16 20:59 1996 suflat/home3/muller/suflat/tmpmvprop/31.in  
-rw-r--r-- 201/100 8 Dec 16 21:00 1996 suflat/home3/muller/suflat/tmpmvprop/32.in  
-rw-r--r-- 201/100 240816 Dec 16 21:05 1996 suflat/home3/muller/suflat/tmpmvprop/fort.52  
-rw-r--r-- 201/100 3493 Dec 16 21:03 1996 suflat/home3/muller/suflat/tmpmvprop/f.out  
-rw-r--r-- 201/100 1683 Dec 17 13:03 1996 suflat/home3/muller/suflat/tmpmvprop/z2.out  
-rw-r--r-- 201/100 1633 Dec 17 13:03 1996 suflat/home3/muller/suflat/tmpmvprop/z1.out  
-rw-r--r-- 201/100 2494 Dec 2 16:16 1995 suflat/home3/muller/du.grep.suflat  
drwxr-xr-x 201/100 0 Sep 19 18:26 1997 suflat/SoftPC/  
drwxr-xr-x 201/100 0 Sep 19 18:26 1997 suflat/SoftPC/fsa/  
drwxr-xr-x 201/100 0 Sep 19 18:27 1997 suflat/SoftPC/fsa/wpfil/  
drwxr-xr-x 201/100 0 Sep 19 18:26 1997 suflat/SoftPC/fsa/wpfil/stoch/  
drwxr-xr-x 201/100 0 Sep 19 18:26 1997 suflat/SoftPC/fsa/wpfil/stoch/progpap/  
-rwxr-xr-x 201/100 16600 Aug 27 17:25 1993 suflat/SoftPC/fsa/wpfil/stoch/progpap/suflat.hlw.Z  
drwxr-xr-x 201/100 0 Mar 21 18:13 1996 suflat/SoftPC/fsa/wpfil/SUFLAT/  
-rwxr-xr-x 201/100 6303 Feb 13 03:39 1996 suflat/SoftPC/fsa/wpfil/SUFLAT/suflat.cop  
-rw-r--r-- 201/100 7086 Feb 2 13:35 1996 suflat/SoftPC/fsa/wpfil/SUFLAT/suflat.doc  
-rwxr-xr-x 201/100 6930 Apr 30 11:26 1996 suflat/SoftPC/fsa/wpfil/suflat2.cop  
-rwxr-xr-x 201/100 4085 Apr 30 11:32 1996 suflat/SoftPC/fsa/wpfil/suflat.srt

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pcl4

**JOB 228**

**docs/suflat\_new.txt**

**For:** root  
**Date:** Thu Jun 5 11:17:59 CDT 1997  
**Submit queue:** Ethernet  
**Submitted:** 181:24:18  
**Started:** 181:24:19



**QMS 1725 Print System**

**QMS 1725 (1st floor)**

Received: by swri.edu (4.1/SMI-4.1)

id AA28417; Fri, 22 Dec 95 15:49:23 CST

Date: Fri, 22 Dec 95 15:49:23 CST

From: muller (Michael Muller Div15)

To: abagtzog

Subject: here is the re-written version of suflat.txt (my final till Jan)

Content-Length: 10080

X-Lines: 220

Status: RO

SUFLAT:

suflat is composed

of separate programs: suflat (main executive program),

mkprop-tbm,

bigflo,

flux,

slim.

SUFLAT:

The user provides interactive input to suflat or uses an input file. The parameters input tell suflat which parts of the complete flow simulation to run.

in1\_suflat:

To run the complete flow and transport simulation(s), all parts would be chosen to run. The user also selects how many times to run the complete simulation suit (realization) by entering the start and stop realizations. This helps the user to keep track of which seed is used for the properties and to start or stop at any place in the run. It also insures repeatability.

The user is also able to delete all the output files generated except the final particle tracking files which are the culmination of

These parameters can be seen the in the file in1\_suflat. They can be entered interactively or in batch: suflat.x < in1\_suflat > suflat.run.out

MKPROP

main input file in1\_mkprop

The file consists of:

a seed,

a section on whether the propertise are normal or log,

the number of hydrogeological layers to use, and

correlation and property parameters.

The seed is changed by writing it after every realization to in1\_mkprop. In this manner, successive property files will be generated with a new seed, and thus, will cause different simulation outcomes.

The flags for normal or log distribution of the properties will most likely not change.

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nlayers = the number of hydrogeological layers to use for each property file.

The total thickness of all n layers combined must equal the number of nodes in the z direction of the simulation box; the same as NGR INPUT1 file. Suflat checks this.

nlayers determines how many property parameter lines are present for each property. Property lines are only present when a property file is needed as indicated in INPUT1. Each property lines has mean, stddev, l1,l2,l3. If stddev=0, the property is constant and no file is necessary (or even used if present). If stddev>0, a property file must be generated and a property parameter lines must exist in in1\_mkprop.

Its format is shown within the file itself. There are two possible formats for the correlation and property parameter lines depending on whether the property is correlated with ksats or not.

The two cases:

icor = 0	icor = 1
property params layer 1	correlation params layer 1
.	property params layer 1
.	.
.	.
property params layer n	.
	correlation params layer n
	property params layer n

There is one property parameter line for each hydrogeological layer.

A property parameter line consists of number of z nodes, geometric mean of property,

standard deviation, length scale in x, in y, in z.

When a property is correlated with ksats, a correlation parameter line is added that gives the rho, slope, and intercept to calculate the correlation.

file example1/in1\_mkprop shows the format for nlayers = 1, #\_z-nodes = 41  
file example2/in1\_mkprop shows the format for nlayers = 2, #\_z-nodes = 41 with each layer consisting of 15 and 26 nodes respectively. Note that each property must contain the same total number of z-nodes. While it may be impractical, each separate property could contain a number of nodes in each layers which is different from another property as long as the total number of layers = nlayers and total number of nodes = #\_z\_nodes.

These files are included at the bottom of this text.

in1\_turn1

```
...
020394,1      DATE,ID #      ;not important
21 21 41      NX,NY,NZ      ;size of sim box;must=INPUT1
12.5 12.5 12.5 DELTA_(x,y,z) ;length scales;should=INPUT1
3.0,3.0,1.0   LAMDA_(x,y,z)
1., 2.5       K_G,SIGMA_Y
```

-----

in1\_turn2

```
200,0.1,30000 # LINES,DELTA_Z,NZTEST (200,0.1,30000)
100.,1.0       BIGK,DELTA_K (200.0,0.5)
1,210467,12    #MONTE CARLO,IU(seed),# LAGS
-3.,3.,24      C_min,C_max,NDELT
1,1,1          KS_(1,2,3)
```

1 LOG\_FLAG (1=logK, 0=no logK)  
K1  
K2

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no file  
no file

-----

INPUT1 file.

This file was originally used for bigflo input only.  
However, there are certain parts which are now used for all of suflat.  
Especially important are:

- NGRID (full grid size, total number of nodes). x,y,z size of simulation box.  
the property lines with gmean, stddev, l1,l2,l3. If stddev>0, a property  
file must be generated for that property and the numbers in INPUT1 are only  
used as initial reference values.
- the file names at the end of the file. These are used in various places. Most  
notable is in2\_\* which is used both as an initial (if LHIN=1) condition for  
BIGFLO, and as an input filename (suflat copies head\_t1 to it) for flux. Note  
that any initial head file for bigflo will be erased when flux is run. This  
is not a problem if a homogeneous starting head is used or if only one  
realization is run.

FLUX:

Is made from a combination of gflux (from FLOPROC) and unsat.f  
It calculates q/theta (velocity) and can produce various output  
files when are flagged in in1\_flux.

kuns  
ttuns  
thead  
flux  
VEL

The VEL files is the only one necessary to run SLIM.

As most of the programs are, this one is sensitive to the array size used  
for the simulation. The internal program array is dimensioned in x,y,z  
and may have to be recompiled if any of the user simulation box dimensions  
exceed these sizes. A "segmentation fault - core dump" is the error caused.  
It is recommended that for production runs, the exact array size be used to  
save memory.

SLIM

Slim inputs are briefly described in slim.doc.

Input file: in1\_mkprop - where nlayers = 1

776227

1	\ilog for	cap
1		ksat
1		alfa
0		tsat
1		beta
1		hbab
0		vgn
0		ttdry

```

1          \nlayers
0          \icorr ( 1st prop ) ksat
41 6.6934e-12 1.343 37.5 37.5 12.5
0          \icorr ( 2nd prop ) alfa
41 0.0177 0.55 37.5 37.5 12.5
1          \tsat
0.7345 0.6277 0.021
41 0.0925 0.0185 37.5 37.5 12.5
0          \beta
41 0.0072 0.0045 37.5 37.5 12.5
1          \n
0.71 5.1824 0.1342
41 1.7664 0.15 37.5 37.5 12.5
0          \ttdr
41 0.0067 0.0011 37.5 37.5 12.5

```

Input file: in1\_mkprop - where nlayers = 2

```

1010723
1      \ilog for cap
1      ksat
1      alfa
0      tsat
1      beta
1      hhub
0      vgn
0      ttdry
2          \nlayers
0          \icorr ( 1st prop ) ksat
15 1.835e-07 3.1526 37.5 37.5 12.5
26 6.6934e-12 1.343 37.5 37.5 12.5
0          \icorr ( 2nd prop ) alfa
15 0.0789 0.75 37.5 37.5 12.5
26 0.0177 0.55 37.5 37.5 12.5
1          \tsat
0.9688 0.9439 0.0308
15 0.395 0.0603 37.5 37.5 12.5
0.7345 0.6277 0.021
26 0.0925 0.0185 37.5 37.5 12.5
0          \beta
15 0.0216 0.5041 37.5 37.5 12.5
26 0.0072 0.0045 37.5 37.5 12.5
1          \n
0.001 4.2028 0
15 4.2028 0.7807 37.5 37.5 12.5
0.71 5.1824 0.1342
26 1.7664 0.15 37.5 37.5 12.5
0          \ttdr
15 0.0316 0.0093 37.5 37.5 12.5
26 0.0067 0.0011 37.5 37.5 12.5

```