

457		C-----LINEAR EQUATIONS SLOVER	1248	
458	00CE94I	DO 550 I=1,ISWF	1249	383
459	00CEA8I	550 CALL LINERX(1,IS,JS,KS,IT,KT,F)	1250	394
460		C-----CALCULATE MAXIMUM CORRECTION OF CURRENT ITERATION	1251	
461	00CF0CI	DO 555 I=IS,IT	1252	385
462	00CF24I	DO 555 J=JS,JT	1253	386
463	00CF3CI	DO 555 K=KS,KT	1254	387
464	00CF54I	P1=ABS(F(I,J,K)-F1(I,J,K))	1255	388
465	00CFCAI	ERRF=AMAX1(ERRF,P1)	1256	389
466	00CFEAI	555 CONTINUE	1257	390
467	00D032I	RETURN	1258	391
468		C-----	1259	
469		C-----P EQUATION	1260	
470	00D03AI	10 CONTINUE	1261	392
471	00D03AI	IS=2	1262	393
472	00D042I	IT=L	1263	394
473	00D04EI	JS=2	1264	395
474	00D056I	JT=M	1265	396
475	00D062I	KS=2	1266	397
476	00D06AI	KT=N	1267	398
477		C-----SOURCE AT PX LCCATIONS	1268	
478	00D076I	DO 310 I=IS,IT	1269	399
479	00D08EI	DO 310 J=JS,JT	1270	400
480	00D0A6I	DO 310 K=KS,KT	1271	401
481	00D08EI	F(I,J,K)=0.0	1272	402
482	00D0FOI	SUK(I,J,K)=0.0	1273	403
483	00D11CI	SPK(I,J,K)=0.0	1274	404
484	00D148I	SP(I,J,K)=0.0	1275	405
485	00D174I	DENE=DEN(I,J,K)	1276	406
486	00D1A0I	DENH=DEN(I-1,J,K)	1277	407
487	00D1D0I	DENN=0.25*(DEN(I,J,K)+DEN(I-1,J,K)+DEN(I,J+1,K)+DEN(I-1,J+1,K))	1278	408
488	00D2B4I	DENS=0.25*(DEN(I,J,K)+DEN(I-1,J,K)+DEN(I,J-1,K)+DEN(I-1,J-1,K))	1279	409
489	00D338I	DENT=0.25*(DEN(I,J,K)+DEN(I-1,J,K)+DEN(I,J,K+1)+DEN(I-1,J,K+1))	1280	410
490	00D3E8I	DENB=0.25*(DEN(I,J,K)+DEN(I-1,J,K)+DEN(I,J,K-1)+DEN(I-1,J,K-1))	1281	411
491	00D498I	UE=U(I,J,K)	1282	412
492	00D4C4I	UH=U(I-1,J,K)	1283	413
493	00D4F4I	UN=C.25*(U(I,J,K)+U(I-1,J,K)+U(I,J+1,K)+U(I-1,J+1,K))	1284	414
494	00D5A8I	US=C.25*(U(I,J,K)+U(I-1,J,K)+U(I,J-1,K)+U(I-1,J-1,K))	1285	415
495	00D65CI	UT=C.25*(U(I,J,K)+U(I-1,J,K)+U(I,J,K+1)+U(I-1,J,K+1))	1286	416
496	00D70CI	UB=C.25*(U(I,J,K)+U(I-1,J,K)+U(I,J,K-1)+U(I-1,J,K-1))	1287	417
497	00D7BCI	VE=V(I,J,K)	1288	418
498	00D7E8I	VH=V(I-1,J,K)	1289	419
499	00D818I	VN=C.25*(V(I,J,K)+V(I-1,J,K)+V(I,J+1,K)+V(I-1,J+1,K))	1290	420
500	00D8CCI	VS=C.25*(V(I,J,K)+V(I-1,J,K)+V(I,J-1,K)+V(I-1,J-1,K))	1291	421
501	00D980I	VT=C.25*(V(I,J,K)+V(I-1,J,K)+V(I,J,K+1)+V(I-1,J,K+1))	1292	422
502	00DA30I	VB=C.25*(V(I,J,K)+V(I-1,J,K)+V(I,J,K-1)+V(I-1,J,K-1))	1293	423
503	00DAE0I	WE=W(I,J,K)	1294	424
504	00DB0CI	WH=W(I-1,J,K)	1295	425
505	00DB3CI	WN=C.25*(W(I,J,K)+W(I-1,J,K)+W(I,J+1,K)+W(I-1,J+1,K))	1296	426
506	00DBFOI	WS=C.25*(W(I,J,K)+W(I-1,J,K)+W(I,J-1,K)+W(I-1,J-1,K))	1297	427
507	00DCA4I	WT=C.25*(W(I,J,K)+W(I-1,J,K)+W(I,J,K+1)+W(I-1,J,K+1))	1298	428
508	00DBD54I	WB=C.25*(W(I,J,K)+W(I-1,J,K)+W(I,J,K-1)+W(I-1,J,K-1))	1299	429
509	00DE04I	CXQ=0.5*(CX(I,J,K)+CX(I-1,J,K))	1300	430
510	00DE60I	EXQ=0.5*(EX(I,J,K)+EX(I-1,J,K))	1301	431
511	00DE6CI	SXQ=0.5*(SX(I,J,K)+SX(I-1,J,K))	1302	432
512	00DF18I	CYQ=0.5*(CY(I,J,K)+CY(I-1,J,K))	1303	433
513	00DF74I	EYQ=0.5*(EY(I,J,K)+EY(I-1,J,K))	1304	434