	minclude cstalla.no minclude cstalla.no minclude cath.no
	#Serior N 10
	/። የቻቸውንሊግ */ void input_metrix(double **a, char c, file *fis, file *fout); /* ላይ ከ(ወንሊግ */
	wold input_vector(double *b, char c, FILE *fin, FILE *fout); /* 門形の種類暗暈 */
	oucle "whentrigint net, int net, int net, int nll, int nll); /* 門野の場所説な */ ** できるのまたが(soucle **a, int net, int net, int nll, int nll); /* ベフトル制物の樹草 */
	/* 知時記憶 */ void free_dwactor(double *a, int i); / 比較問題 */
	int double_comp(const void "s1 , const void "s2);
	/* 電大器 // 4.0分割質 s(mml)*/ double vector.mem.mem(double *s, int m, int n); / ガワス・ザイデルと / / オワス・ザイデルと / / オリス・ザイデルと / / オリス・ザイデルと / / オリス・サイデルと / / オリス・サイド / / オリス・ナー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
	int main(void)
	<pre>FILE *fin, *fout; couble **a, *b, *x; int i:</pre>
	/* (予防よびドウトの向給機関: */ = - destria(1, N, 1, N) / */ 予刊 (1N) (1N) */ = - destria(2, N) / * (1N) */ * - destria(2, N) / * *(1N) */ * - destria(1, N) / * *(1N) */
	/* ファイルのオーブン・/ 1f ((fin = fopen("front_sp.dat", "n")) ** NUL) { print(*ファイルが見つかりません : fopet_sp.dat \n");
	exit(i); }
	if((fout = fopen("output_sp.det", "w")) == MULl) { print("ファイルが作成できません: output_sp.det \w");
	exit(1);)
	inset_metrix(a, 'A', fis, feet }; /* [門月 A の入田刀 */ inset_metrix(b, 'b', fis, feet }; /* ペラトル * の入田刀 */ inset_metrox(*, 'a', fis, feet }; /* ペラトル * の入田刀 */ x = pass_metrox(a, b, x); /* 円刀ス *ザイデル性 */ /* ガフス *ザイデル性 */
	/= 延那の近方 */ forint(fout, "Alano の輸出がの通りです\n"); for(1 = 1; 1 < n 1; 1 < n 1; 1 < n 1 1 1 1 1 1 1 1 1
	<pre>fprintf(fout, "Nf\n", x[i]);</pre>
	1 fclose(fin); fclose(fout); /* ファイルのクローズ */
	/* 陽板の織設 */ free_dwatrix(a, 1, N, 1, N); free_dwector(b, 1); free_dwector(x, 1);
	return 0;
) /* ガウス・ザイ子形色 */ duble *gaust_seleat(duble ***, duble *b, double *x)
	<pre>double *gauss_seidel(double *ra, double *b, double *ra) {</pre>
	int i, j, k=0; xo = dwector(1,N); /* xo(1N) */
	(c)
	/* i=1 (0)选理 */ t = 0.0; for(j = 2; j <= N; j++) t == a[1[j]*xo[j];
	$t = s_{-0}$; $f \leftarrow 8i_1 f \leftrightarrow 8i_2 f \leftrightarrow 8i_3 f \leftrightarrow 8$
	s = 0.0; t = 0.0; for(5 = 3; j < 1; j < 6; j < 9) for(5 = 3; j < 1; j < 9) for(5 = 3; j < 9) for(5 = 3; j < 9) for(6; j < 9) for(6
) for(i = 1; i <= N; i++) x0{i} = x0{i}/x{i}; eps = vector_merm_max(x0, i, N);
97 98	k++;)while(eps > EPS && k < KPAXX);
	free_dwettr(xo, 1); /* \$8060\$\$30 */ if (k == KNAX)
	{ printf("答えが見つかりませんでした\en"); exit(1);
) else (
	printf("民域四数は%0 日です(a", x); /* 反域回数を振振し表示 */ return x;
	}
	/* a[141][141] $\partial/\partial J$) */ void input_matrix[double **a, ther c, file *fin, file *fout) {
	int i, j;
	for interferous, "TPME: (IIII) π^* (π^*) for $(1 - 2)$ if $(= 1)$ if $(=$
	{ for (j * 1) j <= N) j++} { fscm(fin, *N)**, 8a(1)(3));
	<pre>fprint(fout, "%5.2f\r", e[1][j]); } fprint(fout, "\n");</pre>
	1
	/* b[1N]の入力 */ void input_vector(double *b, char c, FILE *fin, FILE *fout)
	int is
	for interference $f(x)$ is the first form of $f(x)$ for $f(x)$ is $f(x)$ for $f(x)$ fo
	fcam(fin, "%1", #0[1]); fprint(fout, "%0.27\t", #0[1]; fprint(fout, "\n");
	1
	double **Gmatrix(int nr1, int nr2, int nl1, int nl2) (
	int 1, nrow, mcol; double **a;
	nnow = nr2 - mr1 + 1; /* 門の数 */ ncol = nl2 - ml1 + 1; /* 列の数 */
	/* 行の確保 */ if ((a = malloc(nrox * sizeof(double *))) == MLL)
	{ printr("メモリが帰岸できません (行列 a)\n"); exit(1);
) a - a - eri; /* 何をデルテ */
	/= F070ml8 -/ for (1 = nr1; 1 <= nr2; 1++) = f(3) == mlnc(nro) * size=(ouble);
	/* **Double **/ for (1 = ent) i <= ent) i +=) s(i) = selloc(con) * sinsel(soule)); for (1 = ent) i ent) i +=) s(i) = s(i) - all; /* 列亚罗币下 */
	return (a);
	<pre>void free_destrix(double **e, int nr1, int nr2, int nl1, int nl2) {</pre>
	int i; /= 以平1/7/編纂 =/
	/* ×モUの縁取 */ for (i = nrij i c= nrij i++) free((void *)6(i) = nil));
	free((vald *)(a + nr3)); }
	<pre>double "dvector(int i, int j) { double "a;</pre>
	if ((a = malloc(((§ · i = 1) * sizeof(double)))) == MML)
	<pre>for interfers state state </pre>
) return (a - 1);
	} void free_dvector(dsuble **, int i)
	free((void *)(a * i)); /* (void *) 整个の中々入上が必要 */
	•
	/* 比較問款 (再項) */
	int double_comp(const void *s1, const void *s2)
	** LEIDER (RB) ** ** to mode_cons(cut vide **1, cont vide **2) { **cont mode si - *((mode *)11) /* (mode *) ^++\(\pi\) * / **cont mode si - *((mode *)11) /* (mode *) ^++\(\pi\) * / **(ni * ni) **(ni * ni)
	Let mode_comp(cont vaid *32, cont vaid *32) cont mode at = 4 contain *511, r (mode *5 - 4 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +
	Int model, compconst unit = 12, constant unit = 12) const model = 2, constant = 121, p' constant = 1 - + + + + + + + + + + + + + + + + + +
	Int models, comprome unit = 12, comprom to = 12, comprom
	Int mode, compcont unit = 12, cont unit = 12) cont mode = 1 - (contain = 12); / (contain = 12) - (contain = 12); / (con
	Let mode_comp(cont unit = 2), cont unit = 2) cont mode 2 = "(founds = 2) "(founds = 2) "(+ 2) cont mode 2 = "(founds = 2) "(founds = 2) "(+ 2) cont mode 2 = "(founds = 12) "(founds = 2) "(+ 2) cont mode 2 = "(founds = 12) "(founds = 2) "(+ 2) cont mode 2 = "(founds = 2) cont mode 3 = "
	Let models_comp(cont unit = 12), cont unit = 12) cont models = 1/contain = 121, r contain = 12 r cont models = 1/contain = 121, r contain = 12 r cont models = 1/contain = 121, r contain = 12 r cont model = 1/contain = 121, r cont model = 1/contain = 121, r contain = 1/contain = 1/contain = 121, r c
	Let model_comp(cont unit = 12), cont unit = 12)