

ELECTRONIC MUSIC STUDIO

Board of Studies in Music
 University of California
 Santa Cruz, CA 95064

Document Dr. Drucker's Random Numbers
 Author Drucker/Polansty/Hoover
 Date (See Interdata Exchange)

		OPT	PASS2, PUNCH, PRINT, STOP, LAB=UNIF
0000R		ENTRY	UNIF
0000R	4010 UNIF	STH	1, SAVE
	009CR		
0004R	4020	STH	2, SAVE+2
	009ER		
0008R	4030	STH	3, SAVE+4
	00A0R		
000CR	4040	STH	4, SAVE+6
	00A2R		
0010R	4050	STH	5, SAVE+8
	00A4R		
0014R	4070	STH	7, SAVE+10
	00A6R		
0018R	4080	STH	8, SAVE+12
	00A8R		
001CR	4090	STH	9, SAVE+14
	00AAR		
0020R	40A0	STH	10, SAVE+16
	00ACR		
0024R	40B0	STH	11, SAVE+18
	00AER		
0028R	C890	LHI	9, 1
	0001		
002CR	C8A0	LHI	10, 1
	0001		
0030R	C8B0	LHI	11, X'A'
	000A		
0034R	481F	LH	1, 0(15)
	0000		
0038R	480F	LH	8, 2(15)
	0002		
003CR	4831 AGAIN	LH	3, 0(1)
	0000		
0040R	4851	LH	5, 2(1)
	0002		
0044R	C870	LHI	7, X'0C35'
	0C35		
0048R	0C27	MHR	2, 7
004AR	0C47	MHR	4, 7
004CR	0A34	AHR	3, 4
004ER	C430	NHI	3, X'03FF'
	03FF		
0052R	4031	STH	3, 0(1)
	0000		
0056R	4051	STH	5, 2(1)
	0002		
005AR	CD30	SLHL	3, X'6'
	0008		
005ER	CC50	SRHL	5, X'A'
	000A		
0062R	0A35	AHR	3, 5
0064R	4038	STH	3, 0(8)
	0000		

0068R	CAS0	0002	AHI	8+2
006CR	C190	003CR	BKLE	9+AGAIN
0070R	4810	009CR	LH	1+SAVE
0074R	4820	009ER	LH	2+SAVE+2
0078R	4830	00A0R	LH	3+SAVE+4
007CR	4840	00A2R	LH	4+SAVE+6
0080R	4850	00A4R	LH	5+SAVE+8
0084R	4870	00A6R	LH	7+SAVE+10
008CR	4880	00A8R	LH	8+SAVE+12
008CR	4890	00AAR	LH	9+SAVE+14
0090R	48A0	00ACR	LH	10+SAVE+16
0094R	48B0	00AER	LH	11+SAVE+18
0098R	430F	000A	B	4(15)
009CR		SAVE	DS	20
00B0R			END	

AGAIN 003CR
 SAVE 009CR
 * UNIF 0000R

BIAS = 0080
 LABEL = PTOUPL
 NORMAL END