Fall 2024 Jash Bralgrat



DQ3	C = [a, Fa, F26, F"6]
	F= [0.999 0.9135 0.0491 0002] (= 0.0012 2×10-1)
	0.0012 2×10-5 09935 0.0012 0.0012
	[0.0499 0-2012-10.0999 0.9975] [0.0499 0.05]
	C= [-0.0012 2×107-0.0037 3×10 -0.0062 1-18×10 -0.0086 4×105]
	-0.0499 2×10-5 -0.0496 1×15-4 -0.0488 3×10-4 -0047 7×10-4
	0.0012 0.0012 0.0037 0.0037 0.0062 0.0086 0.007
	0-0499 0-05 0.0496 0.0497 0-048 0.0497 0.0477 0.048
	rank(C)=4-=n: are system is reachable
6	TEU, = 1-0.0012, -0.0499, 0.00124, 0.0049]
	7-0-0012 -00032-8-0062 -0.0086
	- Lancle - La
	0.0012 0.037 0.0062 0.0086 0.0499 0.0496 2.0488 0.0477
	Con= [2.6x12] 20x10], 0.0012, 0.05]
	C= [26×10-2 39×10-6 1×10-6 4:5×10-5]
	20×10=5 1-4010-7 3×10 7×10 7×10 7 Rank(C)=4 = Fully
	0.000 0.0037 0.0063 0.0087 DURCE - Elamanto
2	X,= FX0+6e40 -> 6e40= X,-FX0
The state of the s	12= FX,+6eu, = F2x0+F6u0+6eu, - F6u0+6eu, - x-F2x0
	X3 = FX2+6U2 = F3X3+F26U0+F60+6U2 -> F26U0+F64+6U2 = X3-F3X0
	(2 0. 0) [40] [X,] [F]
	Fa 6 0 41 - X2 F2 TO 11=X-FX
	Fa Fa: Uz X3 F3 X5 3 Ta
	party pind in the system
	u= (FG) (FG) (FG) (X-FXs)

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AQ3 -> d	tot's take only 40 for enough
	FE = G -> G 40 = X, -FKs
	Ther, there can be an infinite infinite to take the system from
	X to X, Here this is also true for a fairle multer of
	input vector such as is past C.