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1	14	2	`
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		_		
· det	(Simo	sulors)	=	0

det (A->I) = 0 [No 2, we can solve >]

[called charactersitic eq. or > equation]

Find & first. (m the x's for myn 3

Example :

A = [3 1] (Symmetric matrix)

det (A->T) = 3-> 1

= (3-x)²-1

 $(3-\lambda)^2 - 1 = 0$

9+2-82-1=0

x2-6x + 8 = 0.

 $\lambda^2 - (\lambda + 8 = 0)$

プーイト -2 >+8=0

N(x-4) -2 (x-4) =0

7=4,2

Frace = 6 = 4+2

0.80

281958

x2-tracex > +>det (A) = 0







