

Warreprugue i un uenanzobarrie buireriamune mergoro mera shirespa ubampnuonos H Λ=λ. io+ λ, i,+λ, i, +λ, i, - remorpeone prout buemop Yranometrie: Locin=inoio=in u=03 1,002=03,02003=04,03001=02 12001 - - 63, 630 c2= - 64; 640 i3= - 62 C: Z=2lio+yin, io=1, in=i, i2=-1 10= 10], in= [0-1] Teavempo-enciales mempionementos  $\Lambda = \lambda_0 + \lambda_1 \dot{b}_1 + \lambda_2 \dot{b}_2 + \lambda_3 \dot{b}_3$ Ling-OHE BR3 Warnepmora in oim = intim-in.im Therewas open : 1= 10+7 / No= scal 1 : )= vect/ NoM-Nomo-X. In + No In+ mo) + Xx In - whomshed represented  $\Lambda = \lambda_0 - \overline{\lambda} - \text{conp. ubam-n}$  $\| \wedge \| = \wedge \circ \widetilde{\wedge} = \widetilde{\wedge} \circ \wedge = \lambda_0^2 + \lambda_1^2 + \lambda_2^2 + \lambda_3^2$ 

1 11 = SIIVIII - readin repainablement

Cb-ba yuponerus 6 H: 1. 1. M × M. 2. 10M = MON - np. no p-121 3. | | 10 mil = | 11 | 1 mil 人-10+1 M= Jno + jn N=10M=ho+n 1 = λ. + Αλ M'=Jno+AM  $|M| = A^{l} \circ M^{l} = N \circ f A \overline{N}$ Unanzabarue vbenz 6 runuramune mb. mara 1: 1111 = 1 - repuerpobarmon ubamepmion R1=NoRON=AdR 1.2.1.1.0.000 - 1.000000 10701 -10701 = -10701 => 6 100 Fox omeyour warappers racons => F1=10 TON- npeop R3 (17'11=11/11|17|11|1/11| } = 17'11 } => JAE0(3); ~=AF Eur 11/11=1, mo 6 cenge Japegenabre Deure! 1- cos 4 + Esin 4, 1E1=1 Thopena Mannephuon 1= cos 2 + Esin 2 zagain mon amosp ~ =10001 hobopon Compyr e ra grow l. 1 VOM-Yold - X. W. Yold + Way + yxlu 10M-MON= 21xm

Cuoncerne notopomob: 1. drum more zp. 7'=1000 F"-Motion - Modorolom = Modor o Mod MAN P > N=MOA To ungyreym : N=1,01,01,000 2 Dace m. yp E' = 1. Eu Oñ me' re Numer me me moopg blazucasi En E' Λ=cos ½+ Esin ½ E-unb. becomop, 4-chaigs 7- No 70 A THE MOFION - MONOTONOM = NOM OF ONOM =) N= NoM, b curred n nobopando N= 1,0...01n Mirenamur, yp-w Dyaccorg & Mame principasi 7 N  $\Lambda(t+\Delta t) = \begin{cases} \Delta \Lambda_{x,0} \Lambda(t) \\ \Lambda(t)_{0,0} \Lambda_{x,0} \end{cases}$ DA = 2 cos AL + E + Sin AL ; x = { n; }

