(%) THE ACCELERATION ANALYSTS STARTS BY TALLING THE DEPLYATIVE OF (26)

FROM TAKENG THE DEALHATENE OF (23) 0,00

SCRSTITUTING (2) AND (39) INTO (33)

[2.8]2. 802 - 12.82. 812 + 13.8 813 + 12.13.63.4 13.63.4 13.63. - 13.63.613 = 14.63.804 - 14.63.81.

35)

The By Conct Two onlynowns are F3 and B3. Since BS Is A VECTOR EQUALITION FOR THE TWO UNKNOWNS FOR THE TWO UNKNOWN

SLIDER

SOCUTING FOR F.

13 = (F. Br. Sin Oz + E. Oz. cos Oz + 2. rs. 03. sin Oz + Öz. (fs. sin Oz - fq. Sin O4) + fs. 03. cos Oz - fq. 03. cos Oq

DOTTENC (36) WITH I

[2.02.cos 02 - 12.02. sin 02 + 13. sin 03 + 2. 13.03. cos 03 + 03. (13. cos 02-14. cos 04.) - 13.03. sin 03 + 14.03. sin 04 = 0 88

SUBSTITUTING (37) INTO (38)

Γ₂ Θ΄₂ ωςΘ₁ ωςΘ₃ - Γ₁ Θ΄₂ Sin Θ₂ · ωςΘ₃ + Γ₂ Θ΄₂ · sin Θ₃ + Γ₁ Θ΄₂ · ωςΘ₃ · ωςΘ₄ · sin Θ΄₃ · ως Θ΄

[ξ·Θ΄ (cosΘ΄ς·cosΘ΄ς + 5/η Θ΄ς·simΘε) + Γε·Θ΄ζ (s/η Θ΄β·cos Θε·s/η Θ΄ς) + 2·Γ΄β·Θ΄β·(sin² Θ΄ς + cos² Θ΄ς) + Γ΄γ-Θ΄ς·(sin² Θ΄ς + cos² Θ΄ς) - Γ΄φ·Θ΄β·(cos Θ΄ς·cos Θ΄ς + s/η Θ΄ς·sin Θ΄ς) + Γ΄β·Θ΄β·(s/η Θ΄β·cos Θ΄ς - cos Θ΄ς·s/η Θ΄ς) - Γ΄φ·Θ΄ζ (s/η Θ΄ς·cos Θ΄ς·cos Θ΄ς·s/η Θ΄ς) - Ο

[5·Θ̄₂· cos (Θ₃-Θ₂) + [2·Θ˙² · sɪn (Θ₃-Θ₂) + 2·ἰš·Θ˙₃ + [ʒ·Θ˙₃ - Γ̄γ·Θ˙̞ · cos (Θ₃-ΘϤ) + [ʒ· Θ˙ʒ (G) - Γ̄q·Θ˙ȝ · sɪn (ϴ₃-ΘϤ)-C

 $(\vec{r} \cdot \vec{\Theta}_2 \cdot \cos(\Theta_3 - \Theta_2) + \vec{r} \cdot \vec{\Theta}_3 \cdot \sin(\Theta_3 - \Theta_2) + \vec{r} \cdot \vec{G} \cdot \vec{\Theta}_3 + \vec{\Gamma}_3 - \vec{r}_4 \cdot \cos(\Theta_3 - \Theta_4) \cdot \vec{\Theta}_3 - \vec{r}_4 \cdot \vec{\Theta}_3 - \vec{r}_4 \cdot \vec{\Theta}_3 - \vec{O}_4) = 0$

12.02. cos (02-02) + 12.02. sin (03-02) + 2. 13.02 - 14.03. sin (02-04) 13- 14. cos (03-04)