THE EVALUATION OF THE ACCELERATION OF THE SCIDER CRAWK STARTS WITH TAKING THE DERIVATIVE OF 10 WITH RESPECT TO TIME.

12. 02. 662 + 12. 02. 662 + 12. 02. 662 + 13. 03. 663 + 13. 03. 663 + 13. 03. 663 = 12x 2

Γ<sub>2</sub>. Θ΄<sub>1</sub>. Ĉ<sub>θ2</sub> + Γ<sub>2</sub>. Θ΄<sub>2</sub>. Ĉ<sub>θ2</sub> + Γ<sub>3</sub>. Θ΄<sub>3</sub>. Ĉ<sub>θ3</sub> + Γ<sub>3</sub>. Θ΄<sub>5</sub>. Ĉ<sub>θ3</sub> = Γ΄<sub>5</sub>. 2 Θ΄<sub>2</sub> k̂ × Ĉ<sub>θ2</sub> Θ΄<sub>3</sub> k̂ × Ĉ<sub>θ3</sub>

 $r_2 \cdot \Theta_1 \cdot \hat{\mathcal{C}}_{62} - r_2 \cdot \Theta_2^2 \cdot \hat{\mathcal{C}}_{r_2} + r_3 \cdot \Theta_3 \cdot \hat{\mathcal{C}}_{93} - r_3 \cdot \Theta_3^2 \cdot \hat{\mathcal{C}}_{r_3} = \ddot{r}_{1x} \cdot \hat{\mathcal{C}}$ 

EQUATION (S) IS ONE HECTOR EQUATION THAT REPRESENTS TOUS SCHLAR EQUATIONS WITH TWO UN KNOWNS BY AND FIX. BY IS GIVEN IN THIS CLASS OF PROBLEMS. SOLVENG FOR THE UNKNOWNS STARTS BY SUBSTITUTING (S)-(B) INTO (S)

 $\Gamma_2 \cdot \Theta_2 \cdot (\neg \sin \Theta_2 \hat{i} + \cos \Theta_2 \hat{j}) - \Gamma_2 \cdot \Theta_2^2 \cdot (\cos \Theta_2 \hat{i} + \sin \Theta_2 \hat{j}) + \Gamma_3 \cdot \Theta_3 \cdot (-\sin \Theta_3 \hat{i} + \cos \Theta_3 \hat{j}) - \Gamma_3 \cdot \Theta_3^2 \cdot (\cos \Theta_3 \hat{i} + \sin \Theta_3 \hat{j}) = \dot{\Gamma}_{11} \hat{i}$ 

(6) IS NOW DOTTED WITH ?

- (2. 0) 2. sin 0 2 - (2. 0) 2. cos 0 2 - (3. 0) 3. sin 0 3 - (3. 0) 3 cos 0 3 = 11x 13

DOTTING (16) WITH I

 $\frac{\Gamma_2 \cdot \ddot{\Theta}_2 \cdot \cos \Theta_2 - \Gamma_2 \cdot \dot{\Theta}_2^2 \cdot \sin \Theta_2 + \Gamma_3 \cdot \ddot{\Theta}_3 \cos \Theta_3 - \Gamma_3 \cdot \dot{\Theta}_3^2 \cdot \sin \Theta_3 = 0}{\ddot{\Theta}_3 = \frac{\Gamma_2 \cdot \dot{\Theta}_2^2 \cdot \sin \Theta_2 - \Gamma_2 \cdot \ddot{\Theta}_1 \cdot \cos \Theta_2 + \Gamma_3 \cdot \dot{\Theta}_3^2 \cdot \sin \Theta_3}{\Gamma_3 \cdot \cos \Theta_3}}$