

2003

Notre démarche :

L'approche bibliographique :

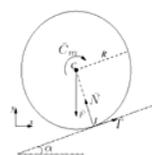
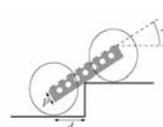
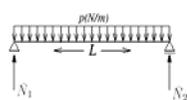
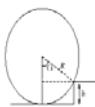


L'approche théorique :

$$R(1 - \cos \alpha) = h \quad (3.1)$$

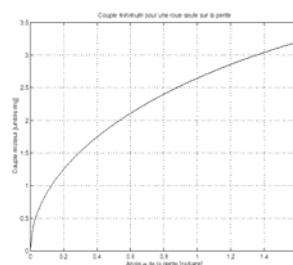
$$\cos \alpha = 1 - \frac{h}{R} \quad (3.2)$$

$$\alpha = \arccos \left(1 - \frac{h}{R} \right) \quad (3.3)$$

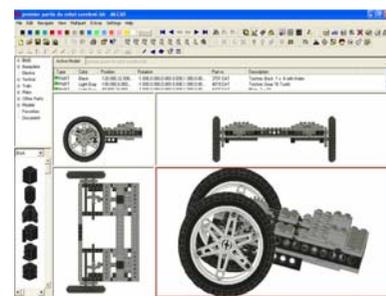
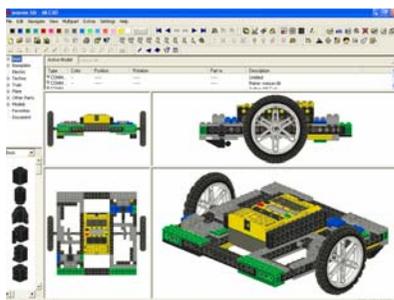


$$F = \left(\frac{1}{2} + \frac{hG}{L} \tan \alpha_2 \right) mg$$

$$C_m = mg \left(\frac{1}{2} + \frac{hG}{L} \tan \alpha_2 \right) R \sin \alpha_2$$



La conception :



Développement
sur ML-CAD

Le véhicule :

