EXCERPT FROM MATHEMATICAL ANALYSIS

by professor Bratislav Tošić

$$\ddot{l} = -\frac{g}{R_F} + \frac{g}{R_F}\frac{M}{M}\frac{R_G}{R_F} - \frac{g}{R_F} - \frac{\Theta_0^2}{2}\frac{g}{R_F} + \frac{g}{R_F}\Theta^2 + \frac{1}{2}\Theta_0^2\frac{g}{R_F}\cdot\frac{1}{2}\Theta^2$$

$$\ddot{\alpha} = \frac{g}{R_F}\left(1 + \frac{1}{4}\Theta_0^2\right)\Theta^2 - \frac{g}{R_F}\left(2 + \frac{\Theta_0^2}{2} - \frac{M}{M}\frac{R_G}{R_F}\right) \quad \ldots\ldots \quad (20)$$
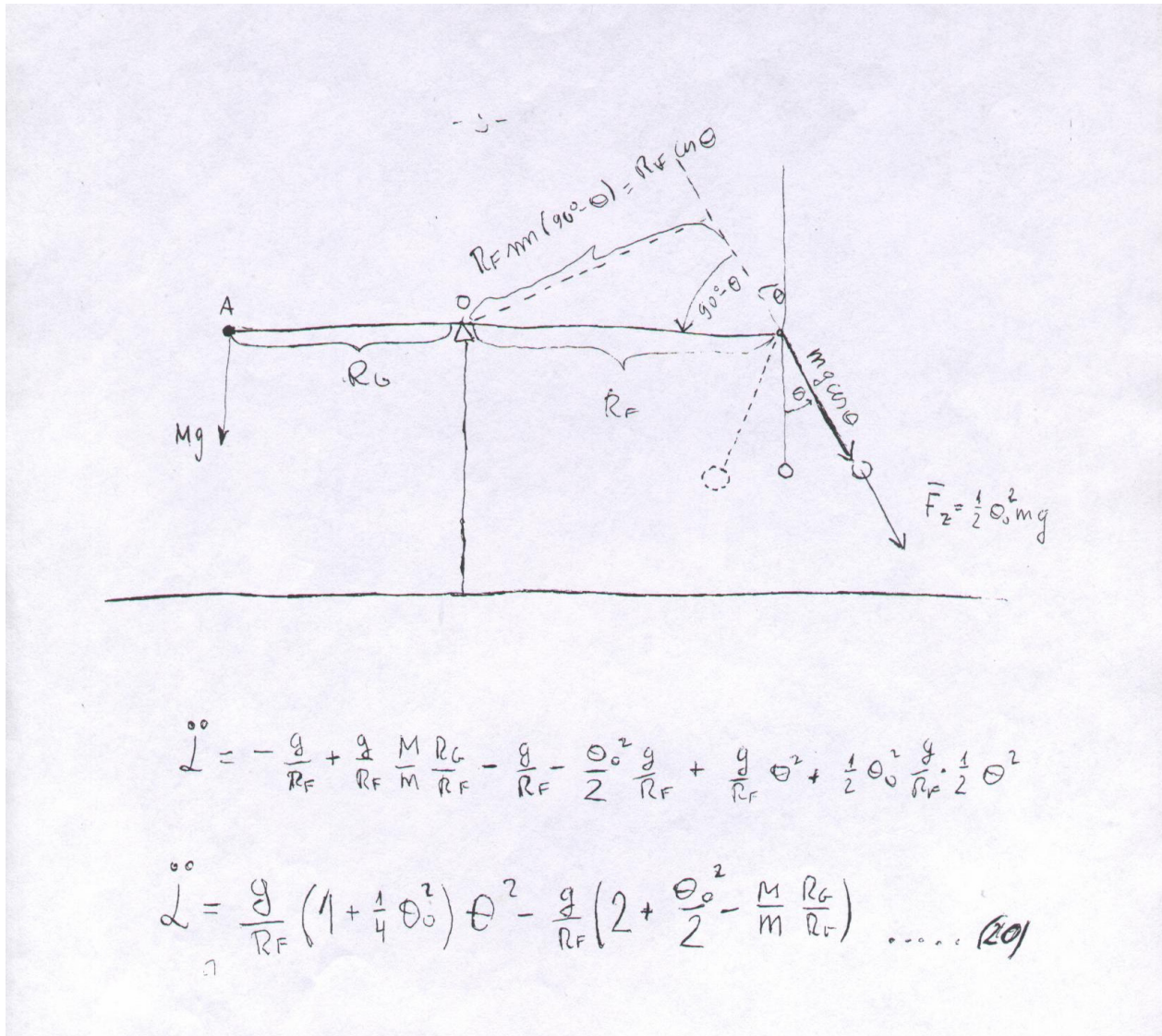
Nine pages of the original mathematical analysis of the biphased oscillator is in possesion of the author, Veljko Milković from Novi Sad

* see complete mathematical analysis
http://www.veljkomilkovic.com/Images/Misljenje%204%20-%20Matematicka%20analiza%20-%20Tosic.pdf