***Приложение 2*** *Сенина Мария P3112*

***Таблица 1***

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *Масса груза, кг* | *№* | *Положение утяжелителей* | | | | | |
| *1 риска* | *2 риска* | *3 риска* | *4 риска* | *5 риска* | *6 риска* |
| *0.267* | *t1, c* | *4.72* | *5.56* | *6.44* | *7.53* | *8.66* | *9.99* |
| *t2, c* | *4.77* | *5.50* | *6.41* | *7.50* | *8.81* | *9.91* |
| *t3, c* | *4.81* | *5.47* | *6.40* | *7.69* | *8.81* | *10.03* |
| *tср, c* | *4.77* | *5.51* | *6.42* | *7.57* | *8.76* | *9.98* |
| *Погрешность t, c* | *0.06* | *0.06* | *0.03* | *0.14* | *0.12* | *0.08* |
| *Ускорение, м/с^2* | *0.06* | *0.05* | *0.03* | *0.02* | *0.02* | *0.01* |
| *Погрешность, м/с^2* | *0.002* | *0.001* | *0.001* | *0.001* | *0.001* | *0.000* |
| *Угловое ускорение, paд/с^2* | *2.68* | *2.00* | *1.48* | *1.06* | *0.79* | *0.61* |
| *Погрешность, paд/с^2* | *0.47* | *0.34* | *0.21* | *0.21* | *0.14* | *0.10* |
| *Момент сил, Нм* | *0.06* | *0.06* | *0.06* | *0.06* | *0.06* | *0.06* |
| *Погрешность, Нм* | *0.0054* | *0.0053* | *0.0049* | *0.0058* | *0.0055* | *0.0052* |
| *0.487* | *t1, c* | *3.38* | *3.91* | *4.81* | *5.59* | *6.41* | *7.12* |
| *t2, c* | *3.50* | *4.00* | *4.75* | *5.56* | *6.21* | *7.19* |
| *t3, c* | *3.44* | *4.06* | *4.79* | *5.46* | *6.31* | *7.13* |
| *tср, c* | *3.44* | *3.99* | *4.78* | *5.54* | *6.31* | *7.15* |
| *Погрешность t, c* | *0.08* | *0.10* | *0.04* | *0.09* | *0.14* | *0.05* |
| *Ускорение, м/с^2* | *0.12* | *0.09* | *0.06* | *0.05* | *0.04* | *0.03* |
| *Погрешность, м/с^2* | *0.007* | *0.005* | *0.002* | *0.002* | *0.002* | *0.001* |
| *Угловое ускорение, paд/с^2* | *5.14* | *3.82* | *2.66* | *1.99* | *1.53* | *1.19* |
| *Погрешность, paд/с^2* | *1.13* | *0.87* | *0.43* | *0.38* | *0.32* | *0.18* |
| *Момент сил, Нм* | *0.11* | *0.11* | *0.11* | *0.11* | *0.11* | *0.11* |
| *Погрешность, Нм* | *0.011* | *0.011* | *0.009* | *0.010* | *0.010* | *0.009* |
| *0.707* | *t1, c* | *2.94* | *3.28* | *3.81* | *4.47* | *5.19* | *5.71* |
| *t2, c* | *2.84* | *3.37* | *4.00* | *4.47* | *5.00* | *5.68* |
| *t3, c* | *2.80* | *3.40* | *3.84* | *4.56* | *5.12* | *5.65* |
| *tср, c* | *2.86* | *3.35* | *3.88* | *4.50* | *5.10* | *5.68* |
| *Погрешность t, c* | *0.10* | *0.08* | *0.14* | *0.07* | *0.13* | *0.04* |
| *Ускорение, м/с^2* | *0.17* | *0.12* | *0.09* | *0.07* | *0.05* | *0.04* |
| *Погрешность, м/с^2* | *0.013* | *0.007* | *0.007* | *0.003* | *0.003* | *0.001* |
| *Угловое ускорение, paд/с^2* | *7.44* | *5.42* | *4.04* | *3.01* | *2.34* | *1.89* |
| *Погрешность, paд/с^2* | *1.96* | *1.23* | *1.08* | *0.57* | *0.53* | *0.29* |
| *Момент сил, Нм* | *0.16* | *0.16* | *0.16* | *0.16* | *0.16* | *0.16* |
| *Погрешность, Нм* | *0.017* | *0.015* | *0.017* | *0.014* | *0.016* | *0.013* |
| *0.927* | *t1, c* | *2.56* | *2.94* | *3.44* | *3.91* | *4.50* | *4.88* |
| *t2, c* | *2.58* | *2.88* | *3.46* | *3.97* | *4.43* | *4.91* |
| *t3, c* | *2.44* | *2.81* | *3.28* | *3.91* | *4.35* | *4.93* |
| *tср, c* | *2.53* | *2.88* | *3.39* | *3.93* | *4.43* | *4.91* |
| *Погрешность t, c* | *0.10* | *0.09* | *0.13* | *0.05* | *0.10* | *0.03* |
| *Ускорение, м/с^2* | *0.22* | *0.17* | *0.12* | *0.09* | *0.07* | *0.06* |
| *Погрешность, м/с^2* | *0.020* | *0.012* | *0.011* | *0.003* | *0.004* | *0.001* |
| *Угловое ускорение, paд/с^2* | *9.53* | *7.36* | *5.29* | *3.94* | *3.11* | *2.53* |
| *Погрешность, paд/с^2* | *2.75* | *1.83* | *1.50* | *0.68* | *0.68* | *0.39* |
| *Момент сил, Нм* | *0.20* | *0.21* | *0.21* | *0.21* | *0.21* | *0.21* |
| *Погрешность, Нм* | *0.023* | *0.021* | *0.023* | *0.017* | *0.020* | *0.016* |

***Таблица 2***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| *0.021* | *0.000* | *0.002* | *0.003* | *0.077* | *0.006* |
| *0.027* | *0.001* | *0.005* | *0.004* | *0.102* | *0.010* |
| *0.038* | *0.001* | *0.005* | *0.003* | *0.127* | *0.016* |
| *0.051* | *0.001* | *0.007* | *0.002* | *0.152* | *0.023* |
| *0.064* | *0.001* | *0.011* | *0.002* | *0.177* | *0.031* |
| *0.076* | *0.002* | *0.015* | *0.003* | *0.202* | *0.041* |

***Приложение 3***

***График 1***

***График 2***

***График 3***