Federkonstante unter a krit 0.2 1.6┌ 0.22 0.32 0.24 0.26 0.3 0.28 1.6 (rad) phi/sin(phi)-rad NonLinearFit1 Winkel_Ruhelage/sin(Winkel_Ruhelage) **Dataset**: Table7 phi/sin(phi)-rad 1.5 Function: $m*g*x/(2*k*r^2)$ **Chi^2/doF** = 4.2473e-05 $R^2 = 0.9985$ $1.4 | \mathbf{k} = 2.9954e + 01 + / -6.6848e - 02$ 1.4 g = 9.807 (constant) m = 0.2 (constant) r = 0.0802 (constant) 1.3 1.3 1.2 1.2 1.1 1.1 0.2 $0.3\bar{2}$ 0.22 0.24 0.26 0.28 0.3 Reiterposition (m)