m, = 81,342 [g] = 81342 [mg] r bk = -1 7 m, = 81, 524 [g] = 81524 [mg] 3k = - m2-m1 t = 1800 [s] 3k = - m2-m1 1 = 0.3 [A] Am = 0,005 g = 5mg At = 2 5 A1 = 0,005A $k = \frac{m_2 - m_4}{1.1} = \frac{84524 - 84342}{0.3 \cdot 1800} = \frac{182}{540} \approx 0.337 \frac{mg}{C}$ Ak = | dk Am 1 + | dk Am 2 + | dk Al + | dk At Δk = [-4. Δm, + 1+ · Δm2 + | - m2-m4 · Δl] + | - m2-m4 · Δl] 1 = 1-40.5 + 40.5 + - 182 5 + - 182 2 $\Delta k = -\frac{1}{408} + \frac{1}{108} + -\frac{310}{162000} + -\frac{364}{972000}$ $\Delta k = \frac{2}{108} + \frac{910}{162000} + \frac{964}{972000} = \frac{3000}{162000} + \frac{910}{162000} + \frac{964}{972000} = \frac{91000}{972000} + \frac{5460}{972000} + \frac{344}{972000} = \frac{23824}{972000}$ 1 × 0,0245 [mg] k = 0,3232997 ≈ 0,3293 [mg] Rozbieżność = | k = | 0,3293 - 0,3370 = 0,0077 [mg] 0,0077 (0,0245 7 KHILL miesci sie 4 predziale Advian Stankiewicz PODSUMOWANIE k ≈ U, 3370°c Ostateczna wantość k: k= (337 = 24) · 10-3 [mg] 14 = 0,0245 mg vozbieżność = 0,0077mg