Space flight Mechanics: = Orbital Mech, + Spacecraft Attitude Dyn orbital Mech:
get from A to B in confext of space travel Position Vs. time (Yelocity, accel.) Particle model works ZFP= Mp Oi >90% Egnally important Space craft (5/c) Attitude Dyw. <109. (oriefation, stability, control) -> Analytic Solution Ys. Numeric Syluxous

>

F= m, at coordinates & reference france refer. frame A FOP = Fr ~ (x, y, z), (r, 0, z), (r, 4, 0) 12 = N-78 A79/P NOXX FPX + WX (WX FPA) a = 0 + 0 + 0 × FPX + WX (WX FPA) + 7 WX V 3

