perihelion @ Earth Mars appelion (a) Mars W=190.109m=1.26A4 T= 1.4 years ,7xeurs 1.89 years 30Kms H= 135° =501=-m3.5.108(an we fine stright! Satellite moves too fast -Earlh's rotation - Earth's gravity

Sun's gravity

RE= 150.10 m=2AM RM = 230-109 m = 1.53 A -TE = lyear TM = 1.89 year $V_{\rm F} = 30 \, \text{km/s}$ VM= 24Km/5 M= = 6.10 4/69 MM = 6.7.1023kg M Sun= 2.1030 kg EE = 2.7.10355 EM = 7.7.1032 G= 6.67.10 11 Nm2

ME: Veloury of satellite at Earth UM= 21.5 Km/5

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