

HOME ASSIGNMENTS

- (1) (a) Magnitude of satellite's a_{cch} at point C is larger than the magnitude of a_{cch} at the point A.
- (b) The satellite's speed at point C is larger than its speed at A.
- (c) a_{cch} component a_j at the point A will be negative and component a_r will be 0.
- (d) a_{cch} component a_r at point B will be 0 and a_j will be negative.
- (e) a_{cch} component a_r on point C will be 0 and a_j be positive.
- (f) If satellite moves in anticlockwise direction component will be different.

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- (1) (b) 12500 N
- (2) a) At poles of earth
- (3) a) 5 sec
- (4) c) 8 T