Физика 1 предавање (18.5.2020.)

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109407440 xapromiteoi sagunoboso бушт, брзине и убрЗеве (9(1) = x(+) = A-wo cos(wat+7) a(1) = (0(1) = - Aws Sinkwatty) T= 25 = 25 1 1 x(e) utela T/2 $X(t) = A \cdot Sin(\omega_i t + \gamma)$ dely Tree bearige

Makenoniuses a fusines klowes

Exeptivie xaphonicesi ocyunowanya

x= A.3111(wt+4) EM = EX + ED (9(4) = Aws (05)(wot+4) = = 1mo2+ 1 xx2 $w_s = \frac{k}{m}$ = = 1 m A w 2 cos (w + 4) + + KA 3 in (w + 4) En = 1 A2K (cos2(wst+4)+5in2ws++4) = 1 A2K = const.

putymene ocurrequie 1 52 / 4KM xbon - ue program 2° 12 = 4km KNITUSED QUED. 3º 1274×M QUELUOGUS49 x(t) = A. e . Cos(w, t+4) 6° 1 -0 Hegurywe40

$$W = W_0^2 - \beta^2 = > W = \sqrt{\frac{k}{m} - \frac{F^2}{4m^2}}$$

Упинуяне осушачий. Резонанције 30 12 W X(t) = Aoe cos(wt+4) + Acos(st+x)