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Indicated In Figure P1.70. Calculate The Natural Frequency Of Vibration Of The Smaller Pipe (of Radius R_1) Rolling Back And Forth Inside The Larger Pipe (of Radius R). Use The Energy Method And Assume That The Inside Pipe Rolls Without Slipping And Has A Mass M . TRUCKER Truck Bed Small Pipe Large Pipe (a) $R_1 < R$ (b) $R_1 = R$ (c) $R_1 > R$ Figure P1.70 7th, 2024

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27h ~ 1 24 4 31 038 H ~ 1 24 05 15 038 H ~ 1 24 01 3 038 H ~ 1 24 01 3 0017 H The Linear System Whose Augmented Matrix Is The Last One Shown Is Consistent If And Only If $17 \neq 0$. Thus, B Is In The Plane Spanned By A_1 And A_2 If And Only If $17 \neq 0$. 19. Since $v_2 = 1.5v_1$, $\text{Span}\{v_1, v_2\}$ Is A Line Through The Origin In \mathbb{R}^3 . (If v_1 And v_2 5th, 2024

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