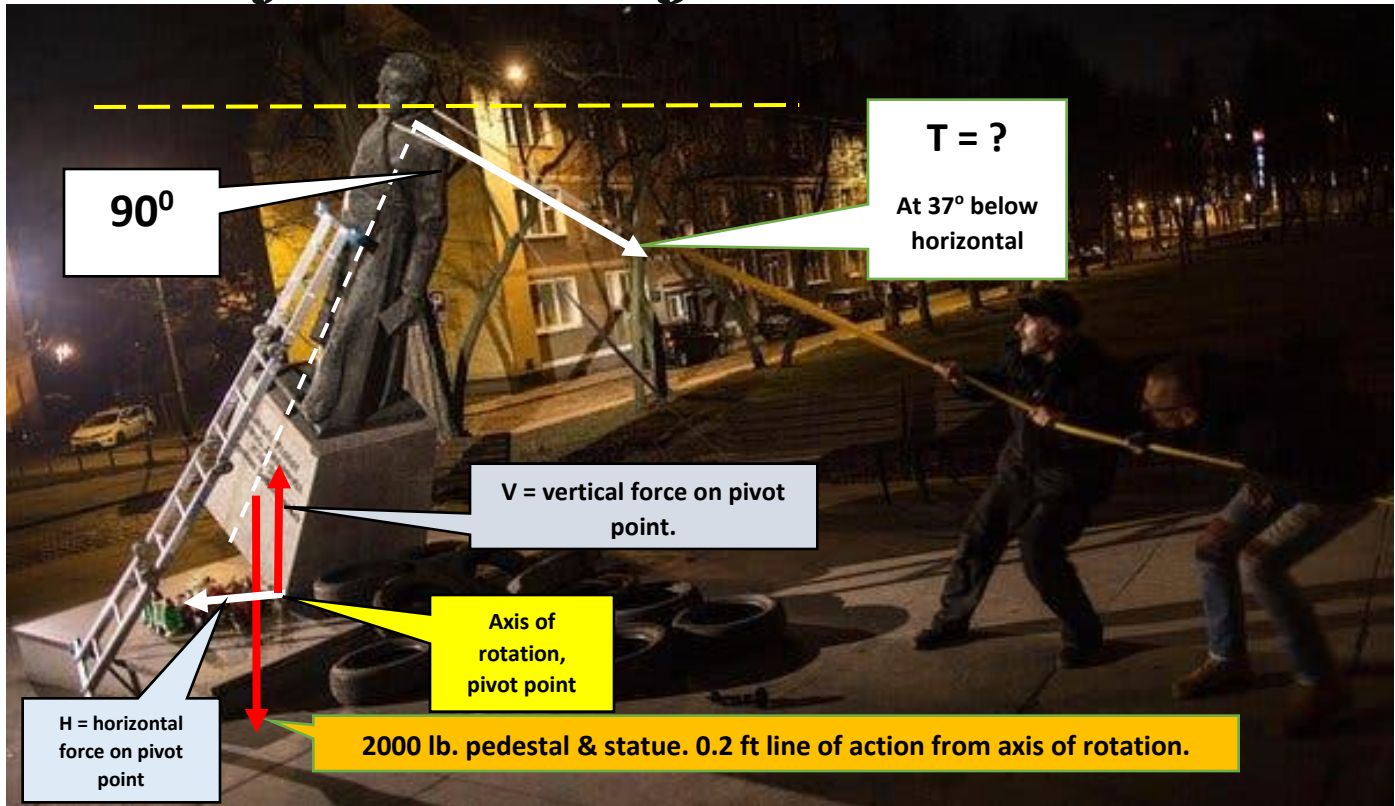


# ROTATIONAL EQUILIBRIUM

Unit 15, Dr. John P. Cise,

Professor of Physics, Austin Com. College, Austin Tx. USA, & New York Times May. 10, 2019 by Marc Santora & Joanna Berendt

## 'Tell No One': Poland Is Pushed to Confront Abuse of Children by Priests



Activists in Gdansk, Poland, in February pulled down a statue of a once-revered priest, the Rev. Henryk Jankowski, who after his death was accused of sexually abusing children.

WARSAW — Anna Misiewicz was just 7 years old when she was invited into the private chambers of her parish priest, in the small village of Topola in southwest Poland. She thought he wanted her to count church donations. Instead, she found herself alone with a predator, identified only as Father Jan A. He touched her chest, stroked her body and forced her to use her hands to masturbate him. Decades later, the smell of milk disgusts her still, she said, “because the priest would drink milk and the taste stayed on his mouth and lingered in mine.” In a powerful new documentary that is rocking this deeply Roman Catholic nation, Ms. Misiewicz recalls these childhood nightmares, and then goes farther. She summons the courage to knock on the door of her abuser, a feeble old man but still a priest, and pose a simple question: Why? “I should never have done it,” the priest says quietly in a moment captured on secretly recorded video. It was “some stupid passion,” he says. He then offers an apology and asks to kiss her hand. She can barely contain her disgust. The scandal of abuse by priests is not new to Poland, documented by journalists and the church itself, and the pattern of offenses and cover-ups is a familiar one from [Boston](#) to [Dublin](#). But in a country where the church continues to play a central role in personal and political life, the issue has remained largely in the shadows. No longer. The two-hour documentary, “[Tell No One](#),” has transfixed the nation, viewed online more than 18 million times since it was released Saturday.

**INTRODUCTION:** To be in rotational & Static equilibrium:  $\sum T = 0$ ,  $\sum F_x = 0$ ,  $\sum F_y = 0$ . This application needs a careful sketch with a free body diagram. *This application is appropriate for Engineering Physics level students.*

**QUESTIONS:** (a) Make a clear sketch showing forces and lever arms for this situation shown in above picture.  
(b) Show clearly the three working equations for this situation using the equilibrium concepts shown in the introduction.  
(c) Find magnitude of H, V, & T?

**ANSWERS:** (a) \_\_\_\_\_.(b) \_\_\_\_\_,(c) T = 40 lb., H = 32 lb., V = 2024 lb.