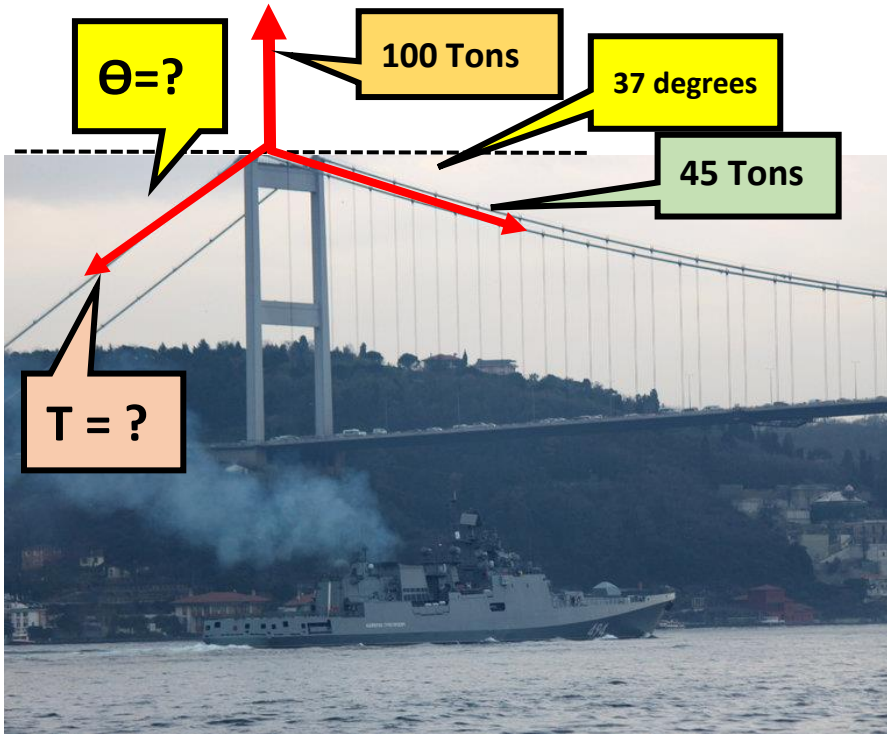


STATICS

Unit 3 Dr. John P. Cise, Professor of Physics, Austin Com. College, 1212 Rio Grande St., Austin Tx. 78701 jpcise@austincc.edu & New York Times , April 7, 2017 by Peter Baker, Neil MacFarquhar, & Michael Gorgon

Syria Strike Puts U.S. Relationship With Russia at Risk



INTRODUCTION: The top of this bridge support is in static equilibrium. Thus, $\Sigma F_x = 0$, $\Sigma F_y = 0$

QUESTION: Find T & θ ?

HINTS: $\sin.\theta/\cos.\theta = \tan.\theta$

ANSWERS: T = ~ 81.4 tons

$\theta = \sim 63.8^\circ$

The Russian Navy frigate Admiral Grigorovich in the Bosphorus in Istanbul on Friday, on its way to the Mediterranean Sea

WASHINGTON — The [American military strike](#) against [Syria](#) threatened Russian-American relations on Friday as the Kremlin denounced [President Trump](#)'s use of force and the Russian military announced that it was [suspending an agreement](#) to share information about air operations over the country, devised to avoid accidental conflict. Mr. Trump, who has made repairing strained ties with Moscow a central ambition of his presidency, even amid criticism of Russian meddling in last year's American election, found that goal at risk as the countries traded harsh words in a diplomatic confrontation reminiscent of past dark moments between the two powers. President [Vladimir V. Putin](#)'s office called the Tomahawk cruise missile strike on [Syria](#) a violation of international law and a "significant blow" to the Russian-American relationship, while Prime Minister [Dmitri A. Medvedev](#) said it had "[completely ruined](#)" it. Trump administration officials suggested [Russia](#) bore some responsibility for the [chemical weapons attack](#) on Syrian civilians that precipitated the American response.