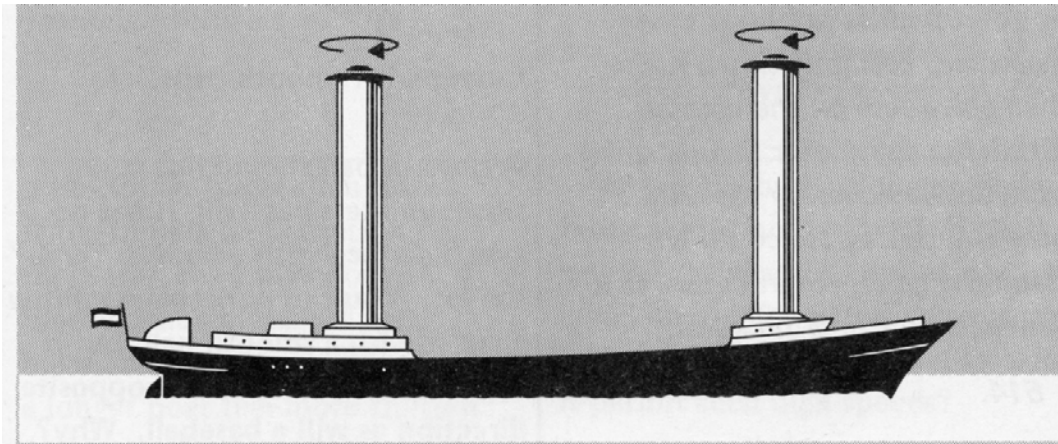


Läsåret 07/08

SG1108 Tillämpad fysik, mekanik, 7,5 hp

Projekt: Skruvad frispark i fotboll

In 1925 a most unusual ship crossed the Atlantic Ocean propelled by two large, vertical rotating cylinders.



*Figure 4.37
Flettner's ship propelled by two rotating cylinders.*

How did those rotating cylinders drive the ship forward?

Later NASA used the same principle by adding a horizontal rotating cylinder to an airplane's wing.

What similarity exists between what has been mentioned above, a screwed free kick in soccer and a bottom spin given to a golf ball?