

Abstract Submitted
for the TSS08 Meeting of
The American Physical Society

Fluid Resistance Studies with an Atwood Machine KEN TAYLOR¹,
OMAR ARAGON², RUSSELL BRAUN³, ELLIAS FESSAHAIE⁴, Lake Highlands
High School — An Atwood machine in which one of its masses moves through water
is used to study fluid resistance. In particular, efforts are made to compare the effects
of the water resistance for objects of similar geometry but different densities. The
presentation describes the apparatus, the computer system used for data acquisition
and the various schemes used in the investigation.

¹Physics Teacher

²AP Physics-C Student

³AP Physics-C Student

⁴AP Physics-C Student

Ken Taylor
Lake Highlands High School

Date submitted: 15 Feb 2008

Electronic form version 1.4