

App Mech - Rankine - Resistance of fluids. art 653.

It is probable that "the principal part, if not the only appreciable part, of the resistance, is due to the direct friction between the water and the bottom of the ship. The opinion that the resistance to the motion of ships ——— consists almost wholly of friction has been confirmed by subsequent experiment. ———

——— The friction varies nearly as the square of the velocity of rubbing between the water and the ships bottom."