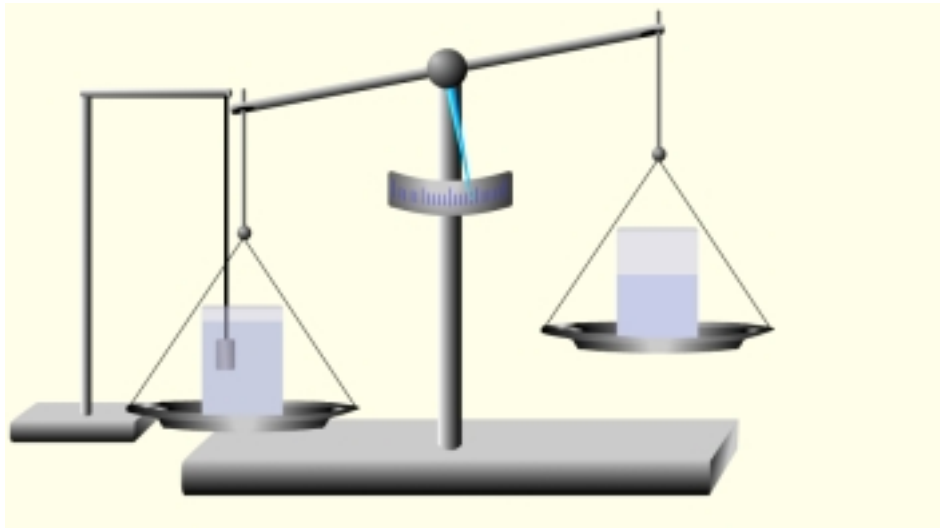


Buoyancy – how does an object sinking into the left-hand water glass change the equilibrium?



Attention: To see the animation, you need a player of macromedia (Flash5)
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Explanation

This is explained by the law of action and reaction. In this case, the buoyancy force on the body immersed in the water glass is accompanied by a "down force" of the same magnitude acting on the container and therefore also on the balance.