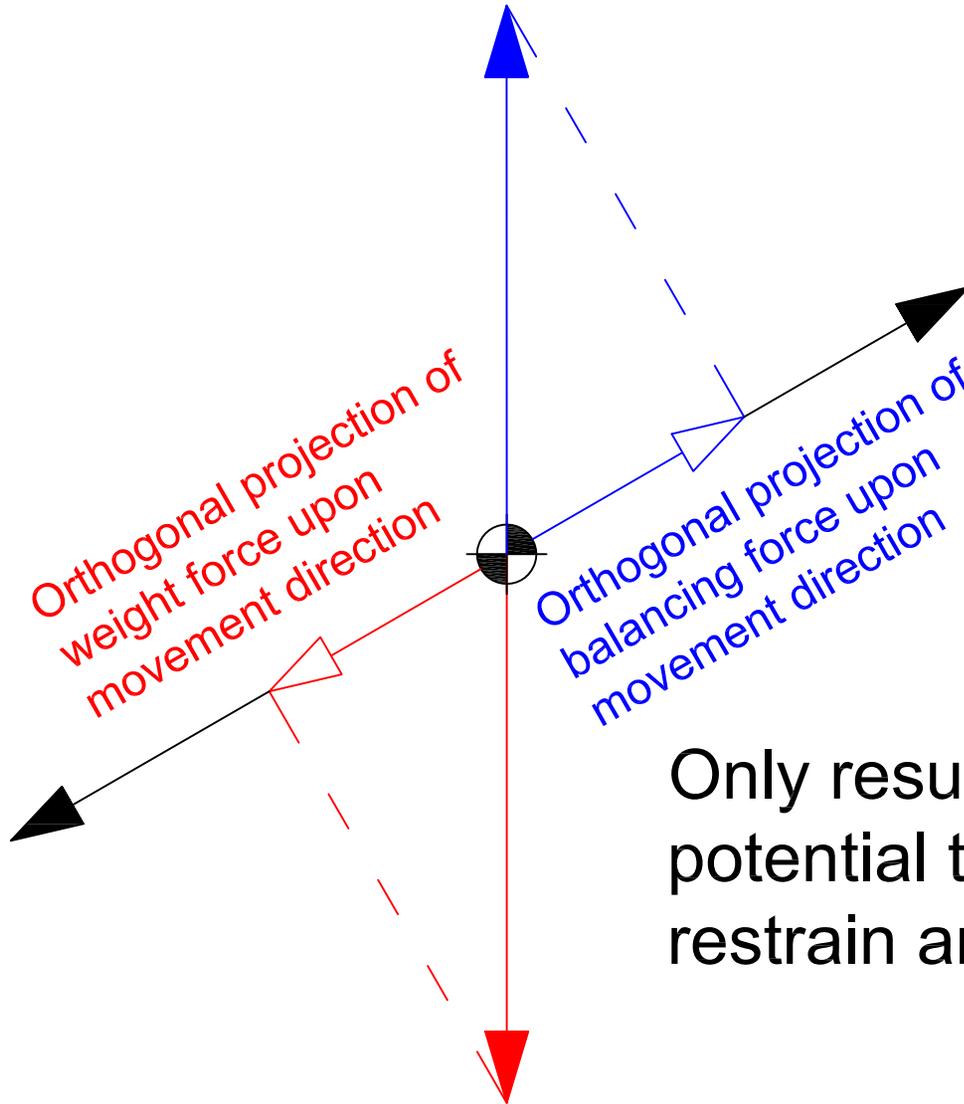


Force balancing weight



Orthogonal projection of balancing force upon movement direction

Orthogonal projection of weight force upon movement direction

Only resultant forces with potential to induce or restrain any movement

Natural weight