$$a(\mathbf{W},\mathbf{E}) - m(\mathbf{W},\mathbf{E}) = -q(\mathbf{W})$$

$$a\,(W,E\ ) = \langle \mathbb{A}\vec{g},\vec{W}\,\rangle + \langle \mathbb{A}\vec{E},\vec{W}\,\rangle \qquad m\,(W,E\,) = \langle \mathbb{M}\vec{E},\vec{W}\,\rangle \qquad q(W\ ) = \langle \vec{q}\ ,\vec{W}\rangle$$