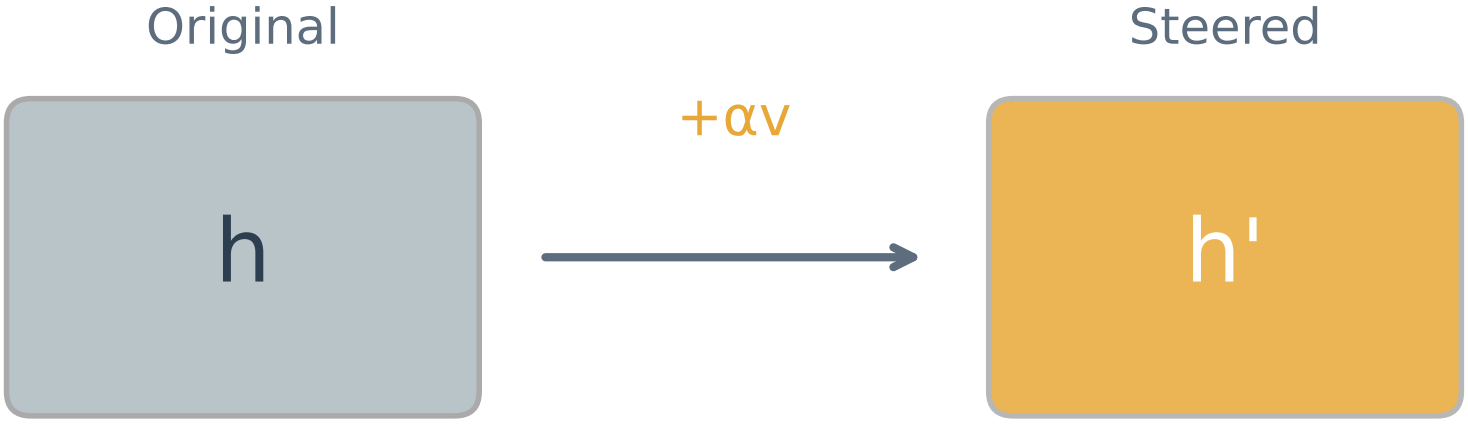

$$h' = h + \alpha v$$