Theorem 0.0.1 (uniqueness of semimartingale decomposition)**.** *Let X be a continuous semimartingale with the decomposition $X = X_0 + M + A$ so that $M_0 = A_0 = 0$. If X admits also a decomposition $X = X_0 + \tilde{M} + \tilde{A}$ for some continuous local martingale $\tilde{M}$ with $\tilde{M}_0 = 0$ and some continuous process $\tilde{A}$ of finite variation on $[0,T]$ with $\tilde{A}_0 = 0$ then $M_t = \tilde{M}_t$ and $A_t = \tilde{A}_t$ for $t \in [0,T]$.*