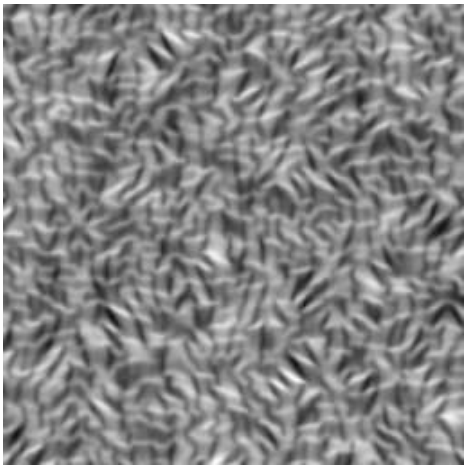
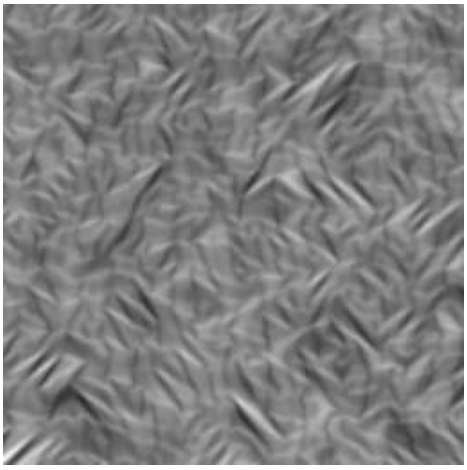
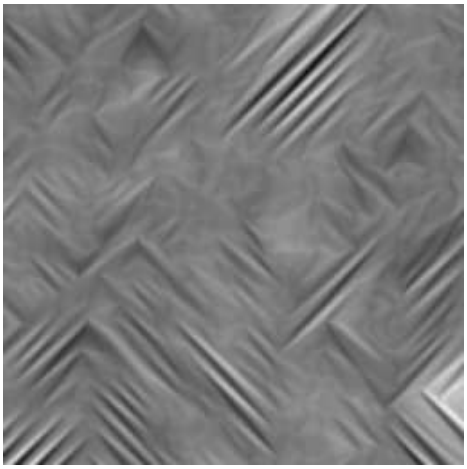


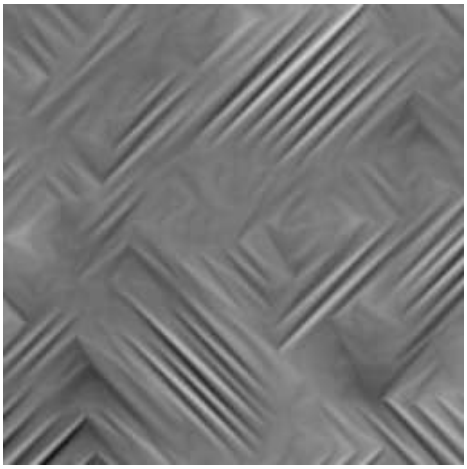
(a) $t = 48$



(b) $t = 60$



(c) $t = 100$



(d) $t = 120$