

1135-03-871 **Farshad Nahangi*** (f_nahangi@yahoo.com), Fremont, CA. *Omitting Types in Temporal Logic.*

We present and investigate a version of Omitting Types Theorem in first-order temporal logic with connectives U(ntil) and S(ince). For achieving this purpose, we introduce the notions of realization and omitting types at a moment of time and we show that Omitting Types Theorem holds but not in the general case. (Received September 15, 2017)