

The paper strengthens a type amalgamation result for  $\text{NTP}_2$  theories previously obtained in [BYC14], by combining that result with a “self-amalgamation” trick. Using this strengthened version, it is shown that under  $\text{NTP}_2$ , the diameter of a Lascar strong type over an extension base is at most 2, answering a question in [BYC14].

Separately, the paper introduces and considers *generically simple generics* of definable groups in  $\text{NTP}_2$ , generalising generically stable generics in NIP. In particular, it is shown that in a group  $G$  which has a generically simple generic, any type  $q$  which is f-generic (meaning  $g \cdot \phi$  does not fork over  $A$  for any  $g \in G$  and  $L(A)$ -formula  $\phi \in q$ ) does not fork over any extension base.

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