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Abstract algebra learning: mental structures, definitions, examples, proofs and structure sense.

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Summary: A reflection is made about abstract algebra learning, motivated by the reading of [V. Durand-Guerrier, *ibid.* 20, 101–148 (2015; ME 2016b.00443)]. The reflection involves elements of APOS (Action-Process-Object-Schema) theory and related published works as well as results from other studies involving definitions, examples, proofs and structure sense.

Classification: H20 E40 C30

Keywords: abstract algebra; group theory; mental structure; definition; example; proof; structure sense