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Brian Wynne* (bwynne@simons-rock.edu), Box #143, Bard College at Simon's Rock, 84 Alford Road, Great Barrington, MA 01230. *More decidable theories of non-projectable l -groups.*

Let PEP be the class of proper essential P -spaces, i.e. spaces with exactly one non- P -point, and let PEP_δ be the class of PEP -spaces whose non- P -point is a G_δ . The l -groups $C(X)$ with $X \in PEP$ are often non-projectable and in [1] it is shown that many of those with $X \in PEP_\delta$ have decidable theories. We discuss analogous results for $C(X)$ with $X \in PEP - PEP_\delta$.

[1] B. Wynne, Decidable theories of non-projectable l -groups of continuous functions, *Annals of Pure and Applied Logic* **146** (2007), no. 1, 21-39. (Received August 12, 2008)