

Recent Developments in the Theory of Higher Properads Philip Hackney University of Louisiana at Lafayette 3rd Conference on Operad Theory and Related Topics

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major goal















the set of "good subgraphs" of G

$E(G) \rightarrow Sb(G)$ $V(G) \rightarrow Sb(G)$	"Elementary subgraphs"	∖e : ?e X · Cv
in, out: Sb(G) → ℘(E(G))	"boundary functions"	in(le)= EeS ord (le)= EeS in (Cu)= in(u) out(Cu)= ord(u)
unions: H,KeSb	(G) Do $E(H) \cup E(K) < E(G)$	
	V(H) ~ V(K) < V(G) determine a good sw	bgraph?
	It so, this is Huke	e Sb(G)

































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