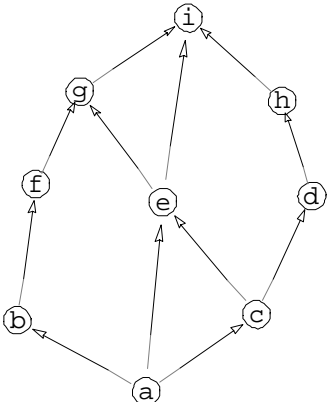


Math Coffee

Drawing Planar Graphs

Senior Math Major
Nicole Pribnow

Given a planar graph it's easy to write down its edges in a clockwise order. We describe and implement a procedure for reversing this process. That is, given the list of edges in clockwise order, how do you get a planar drawing?

	Easy \Rightarrow \Leftarrow ??	$\{a \rightarrow b, a \rightarrow e, a \rightarrow c\}$ $\{b \rightarrow f\}$ $\{c \rightarrow e, c \rightarrow d\}$ $\{d \rightarrow h\}$ $\{e \rightarrow g, e \rightarrow i\}$ $\{f \rightarrow g\}$ $\{g \rightarrow i\}$ $\{h \rightarrow i\}$
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Cowley 102
Thursday, November 20th
Cookies: 4:15
Talk: 4:30-5:00