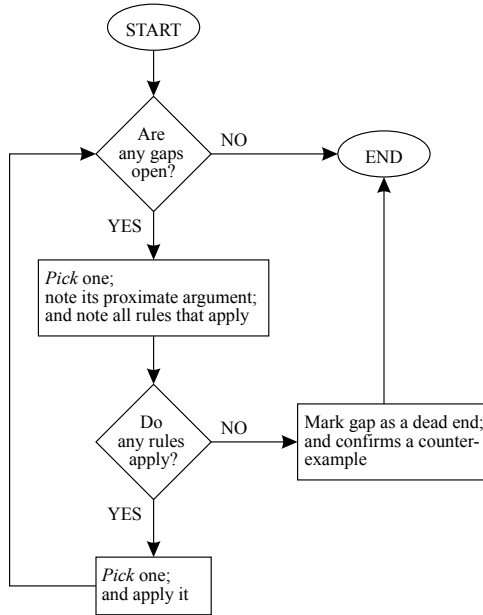


## Handout for derivations workshop on §3.5

The procedure in outline:



Rules for closing gaps:

conditions for closing the gap	rule
the goal is among the resources	QED
the goal is $\perp$ , and there are resources $\phi$ and $\neg \phi$	Nc
the goal is $\top$	ENV
$\perp$ is a resource	EFQ

Rules for developing gaps:

kind of sentence	rule for resources (i.e., exploitation rule)	rule for goals (i.e., planning rule)
conjunction	Ext	Cnj
negation { of atomic sent. of non-atomic sent.	CR (when the goal is $\perp$ )	RAA
atomic sentence	none	IP
$\top$ or $\perp$	none	none