

No repetition BC z lowest common ancestor

OBS: During DFS(X) eng newly discound moch is a desendant of X. Den: Any not tree edge (X, y) is ancestor-deserved Pf: Say X is discound before y. So m ran DFS (x). Good: y will be a desendant of X. By OBS: y will be discould using DFS(X). IF not, when ne process (X,y), y is still un-discould but then (xy) will be a tree edge contradiction!