Exercise Sheet 11
COMP6741: Parameterized and Exact Computation

2016, Semester 2

1. Show that PATH PACKING has no polynomial kernel unless NP $\subseteq$ coNP/poly.

PATH PACKING	
Input:	A graph G and an integer k
Parameter:	k
Question:	Are there k pairwise vertex-disjoint paths of length at least k each?