



4. (4 points) Consider the graph  $G$  below, whose vertices are labeled 1 through 6. Does  $G$  have an Eulerian trail? If your answer is no, justify your answer. If your answer is yes, justify your answer, and write vertices  $v$  and  $w$  so that  $G$  has an Eulerian trail from  $v$  to  $w$ .

