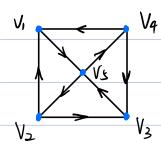
习题 仟.

45.



$$A^{2} = \begin{bmatrix} 0 & 1 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 0 & 1 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 2 \\ 2 & 0 & 2 & 0 & 0 \end{bmatrix}$$

(2) 
$$Q_{s_1s} = 0$$

(3) 
$$\Sigma a_{ij}^4 = 32$$

$$a_{2i}^2$$
 =

$$(4) \quad \Sigma b^{4} = 12$$

$$(5). P = AVA^2VA^3VA^4$$

$$a_{15}^{4} = 0$$

$$Q_{5,5}^{\Delta} = 0$$

习题15.

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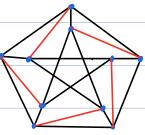
(c) Z



5.

K 条新边

11.



至少加5条边方可变为欧拉图