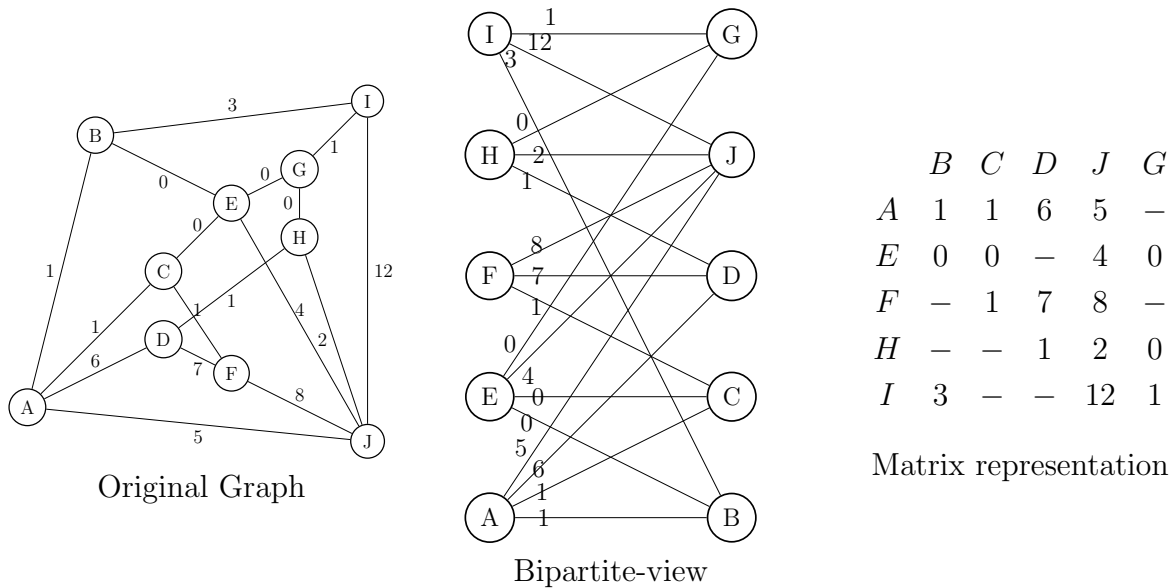


1. **Problem 3.3: The Hungarian Method and counting of min-imum weight perfect matchings**



Algorithm:

	<i>B</i>	<i>C</i>	<i>D</i>	<i>J</i>	<i>G</i>		<i>B</i>	<i>C</i>	<i>D</i>	<i>J</i>	<i>G</i>			
	<i>A</i>	1	1	6	5	–		<i>A</i>	1	1	6	5	–	
*	<i>E</i>	0	0	–	4	0	$\xrightarrow{\Delta=0.5}$	*	<i>E</i>	0	0	–	4	0
	<i>F</i>	–	1	7	8	–		<i>F</i>	–	1	7	8	–	
*	<i>H</i>	–	–	1	2	0		*	<i>H</i>	–	–	1	2	0
	<i>I</i>	3	–	–	12	1		<i>I</i>	3	–	–	12	1	

(1)