

Matchings and covers. Variant 1.

1. Find the shortest vertex cover using CNF cover functions.
2. Find three maximal independent sets of vertices.
3. Find a minimal dominating set using the branch and bound method.
4. Find a maximal matching.

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>
<i>a</i>		1	1				1	1
<i>b</i>	1				1		1	1
<i>c</i>	1				1			
<i>d</i>						1	1	
<i>e</i>		1	1				1	
<i>f</i>				1				1
<i>g</i>	1	1		1	1			
<i>h</i>	1	1				1		

Matchings and covers. Variant 2.

1. Find the shortest vertex cover using CNF cover functions.
2. Find three maximal independent sets of vertices.
3. Find a minimal dominating set using the branch and bound method.
4. Find a maximal matching.

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>
<i>a</i>					1		1	1
<i>b</i>			1		1		1	
<i>c</i>		1		1	1			
<i>d</i>			1			1		
<i>e</i>	1	1	1				1	
<i>f</i>				1				1
<i>g</i>	1	1			1			1
<i>h</i>	1					1	1	