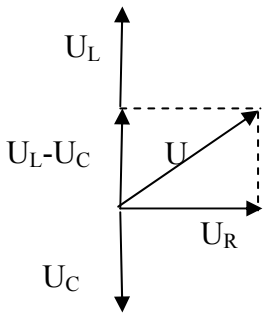
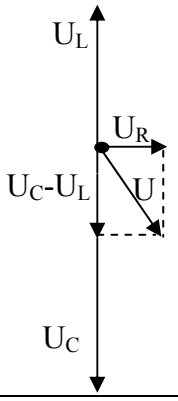
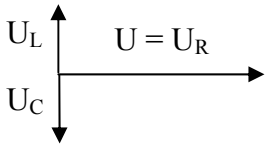
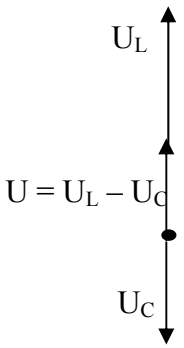
Numer zadania		Proponowana odpowiedź	Punktacja		Uwagi
Zadanie 28. Obwód RLC	28.1		1	**8**	
		$U = \sqrt{U_R^2 + (U_L - U_C)^2} \approx 14{,}1\,\text{V}$	1		
			1		
		$U_R = \sqrt{U^2 - (U_C - U_L)^2} = 30\,\text{V}$	1		
			1		
		$U_L = U_C = 10$ V rezonans napięć	1		
			1		
		$U_L = U + U_C = 45$ V	1		

<table>
<tr><td></td><td>28.2</td><td>
<table>
<tr><th></th><th>U_R [V]</th><th>U_L [V]</th><th>U_C [V]</th><th>U [V]</th></tr>
<tr><td>a</td><td>10</td><td>20</td><td>10</td><td>14,1</td></tr>
<tr><td>b</td><td>30</td><td>110</td><td>150</td><td>50</td></tr>
<tr><td>c</td><td>50</td><td>10</td><td>10</td><td>50</td></tr>
<tr><td>d</td><td>0</td><td>45</td><td>15</td><td>30</td></tr>
</table>
</td><td>1</td><td>1</td><td></td></tr>
<tr><td></td><td rowspan="3">28.3</td><td>$T = 2\pi\sqrt{LC}$</td><td>1</td><td rowspan="3">3</td><td rowspan="3"></td></tr>
<tr><td>$C = \frac{1}{4\pi^2 L f^2}$</td><td>1</td></tr>
<tr><td>$C \approx 0{,}4 \cdot 10^{-3}\,F = 0{,}4\,mF$</td><td>1</td></tr>
<tr><td></td><td colspan="2">Razem</td><td>12</td><td></td></tr>
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