Applying algorithms ?? and ?	? on the cluster graph from Fig. 4(d), for a
univariate BM model with mean 0	and variance rate 1, edge lengths of 1 in the
original network and inheritance p	probabilities of 0.5. Cluster/sepset precision
matrices have rows labelled by var	riables to show the nodes in scope. Precision
matrices show entries before regularization (black) and after one pass through	
the outermost loop of the algorithm (coloured adjustments).	
Left: regularization ?? starting	g with variable x_8 . Right: regularization ??
starting with cluster $\{8, 10\}$, assuming that it is the first cluster scheduled to be	
processed. For ??, we differentiate the effects of lines 3-8 (blue) and lines 9-12	
(red). For example, the resulting precision matrix for sepset $\{x_{10}\}$ is $[3\tilde{\epsilon}]$ after	
summing these effects, where $\tilde{\epsilon} = \epsilon$	$\epsilon + o(\epsilon)$.
Γ 1 1/0 1/0 ⁻¹] [1 1/9 1/9]
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{vmatrix} 1 & -1/2 & -1/2 \\ -1/2 & 1/4 + 3\tilde{\epsilon} - \epsilon & 1/4 \\ 1/2 & 1/4 & 1/4 \end{vmatrix} $
$x_8 \begin{vmatrix} -1/2 & 1/4 + \epsilon & 1/4 \\ 1/2 & 1/4 & 1/4 \end{vmatrix}$	$\begin{bmatrix} x_8 & -1/2 & 1/4 + 3\epsilon - \epsilon & 1/4 \\ 1/2 & 1/4 & 1/4 \end{bmatrix}$
$\frac{1}{2} \frac{1/2}{x_8[0+\epsilon]} \frac{1/4}{x_8[0+\epsilon]}$	$\begin{bmatrix} 1/2 & 1/4 & 1/4 \end{bmatrix}$ $x_8[0+\epsilon+3 ilde{\epsilon}-\epsilon]$
	$x_{8[0+\epsilon+3\epsilon-\epsilon]} = x_{10}[0+\epsilon+3\tilde{\epsilon}-\epsilon]$
$egin{array}{c} x_8[1+\epsilon] \ x_8[-1] \end{array}$	$x_{10}[0+\epsilon+3\epsilon-\epsilon]$ $x_{10}[-1]$
$x_8[-1]$ $x_8[0+\epsilon]$	
$x_8[0+\epsilon]$	$x_{10}[-1]$
$x_8[1-\epsilon]$	$x_8 \begin{vmatrix} 1 & -1 \\ -1 & 1+3\tilde{\epsilon}-\epsilon \end{vmatrix}$
	$\begin{bmatrix} -1 & 1 + 2\epsilon - \epsilon \end{bmatrix}$