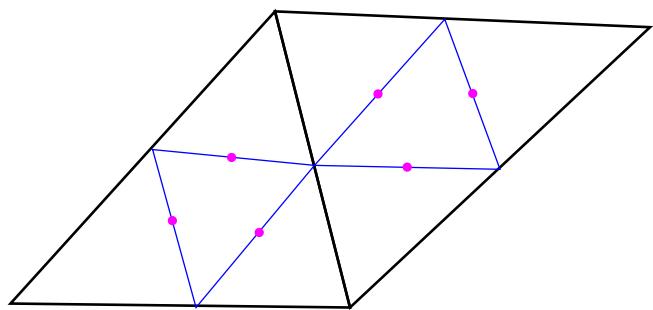


SOLUTION of (2-14.d):



Functions in $\mathcal{CR}(\mathcal{M}')$ must be continuous in the midpoints of the edges of \mathcal{M}' . However, functions in $\mathcal{CR}(\mathcal{M})$ need not be continuous there, because the midpoints of edges of \mathcal{M}' will not be midpoints of edges of \mathcal{M} .

\triangleleft black lines $\hat{=}$ \mathcal{M} ,
black + blue lines $\hat{=}$ \mathcal{M}'
Functions $\in \mathcal{CR}(\mathcal{M}')$ are continuous at the edge midpoints \bullet , but not those in $\mathcal{CR}(\mathcal{M})$.