2a) Vaily that
$$(H_R - E \cdot L + i A \mid E \mid) G_R(E) = L$$
 can be solved for each column of $G_R(E)$ individually, reducing every calculation to the form $\hat{A}\vec{x} = \vec{b}$.

$$\begin{vmatrix} \hat{a}_{nn} & - - - \hat{a}_{nn} \\ \hat{a}_{nn} & - - - \hat{a}_{nn} \end{vmatrix} = \begin{vmatrix} \hat{a}_{nn} & - - - \hat{a}_{nn} \\ \hat{a}_{nn} & - - - \hat{a}_{nn} \end{vmatrix}$$

=> The j-h column of the inverse
$$\hat{a}_{j} = |\hat{a}_{nj}|$$
 is therefore the solution

of the system of linear equations: A.a, = e; where e, is the j-k unit vector!