$$\operatorname{adj}(\mathbf{A}^T) = \operatorname{adj}(\mathbf{A})^T$$

$$\operatorname{adj}(\mathbf{AB}) = \operatorname{adj}(\mathbf{B})\operatorname{adj}(\mathbf{A})$$[8]

$$\operatorname{adj}(\mathbf{I}) = \mathbf{I}$$

$$\mathbf{A}\operatorname{adj}(\mathbf{A}) = \operatorname{adj}(\mathbf{A})\mathbf{A} = \det(\mathbf{A})\mathbf{I} \text{ para } \mathbf{A} \in M_{n\times n}.$$

$$\operatorname{adj}(\lambda\mathbf{A}) = \lambda^{n-1}\operatorname{adj}(\mathbf{A}) \text{ para } \mathbf{A} \in M_{n\times n}.$$

$$\operatorname{adj}(\operatorname{adj}(\mathbf{A})) = \det(\mathbf{A})^{n-2}\mathbf{A} \text{ para } \mathbf{A} \in M_{n\times n}.$$

$$\det(\mathbf{A}) = \operatorname{tr}(\mathbf{A}\ \operatorname{adj}(\mathbf{A}))/n \text{ para } \mathbf{A} \in M_{n\times n}.$$

$$\det\big(\operatorname{adj}(\mathbf{A})\big) = \det(\mathbf{A})^{n-1}.$$