

Section

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$$1. \mathcal{H}g^{2+} \xrightarrow{\text{f}} \mathcal{H}g\mathcal{I}_2 \xrightarrow[\text{text below}]{\text{f}} [\mathcal{H}g\mathcal{I}\mathcal{I}_2]^-$$

$$2. \mathcal{Z}_n^{2+} \xrightleftharpoons[+\mathcal{H}]{+\mathcal{O}\mathcal{H}} \mathcal{Z}_n(\mathcal{O}\mathcal{H})_2 \downarrow \xrightleftharpoons[+\mathcal{H}]{+\mathcal{O}\mathcal{H}} [\mathcal{Z}_n(\mathcal{O}\mathcal{H})_2]^-$$

$\begin{matrix} +\mathcal{O}\mathcal{H} \\ +\mathcal{H} \end{matrix}$

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Chemical figures

See `chemfig` package for more info.

