These screenshots are from opening the sample document of: <u>Bug 164254</u> in both Microsoft office and Libre office and comparing the differences.

Microsoft Office	Libreoffice
$$a^{1/n} = \sqrt[n]{a}$$	$$a^{\frac{1}{n}} = \sqrt[n]{a}$$
$$\sqrt[n]{a^n} = \begin{cases} a, & n \text{ odd} \\ |a|, & n \text{ even} \end{cases}$$	$$\sqrt[n]{a^n} = \begin{cases} a, n \text{ odd} \\ |a|, \wedge n \text{ even} \end{cases}$$