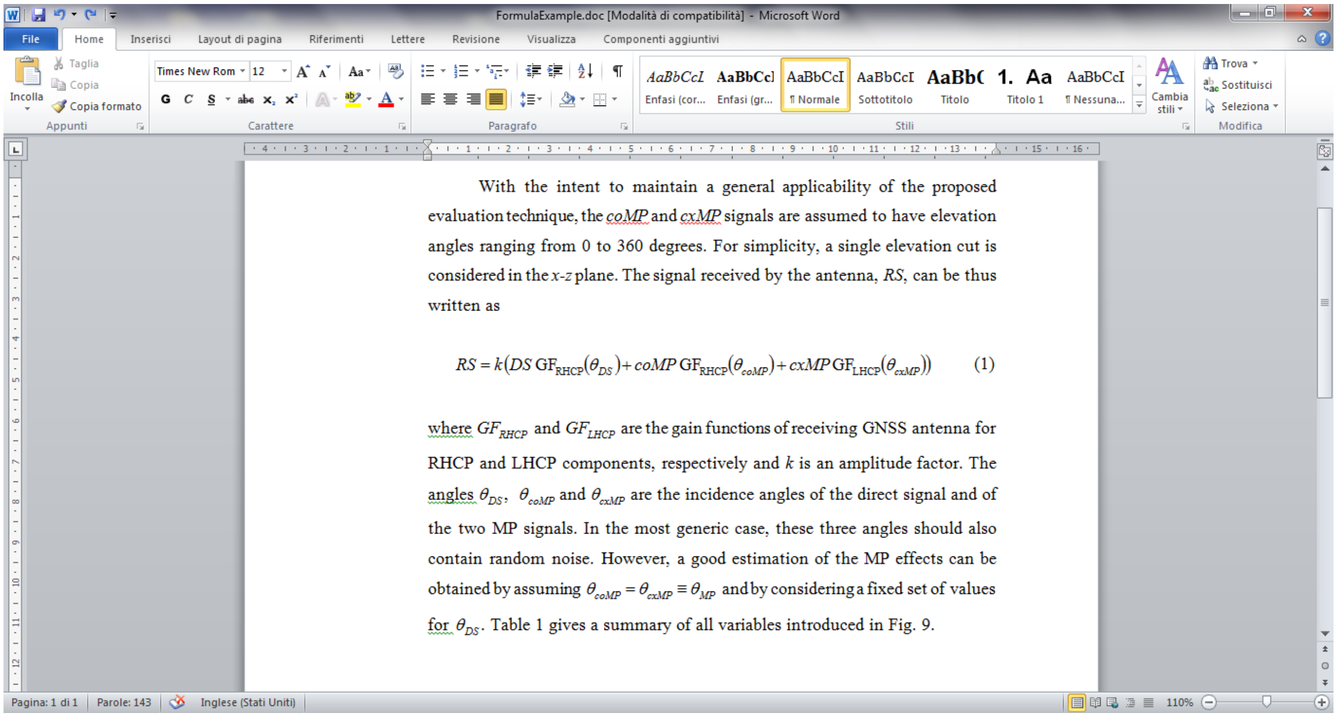
Error importing formulas from .doc files

Consider the paper extract shown in the file “formulaExample.doc”. In MS Office Word 2010 it looks like this.


FormulaExample.doc [Modalità di compatibilità] - Microsoft Word
File
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Parole: 143
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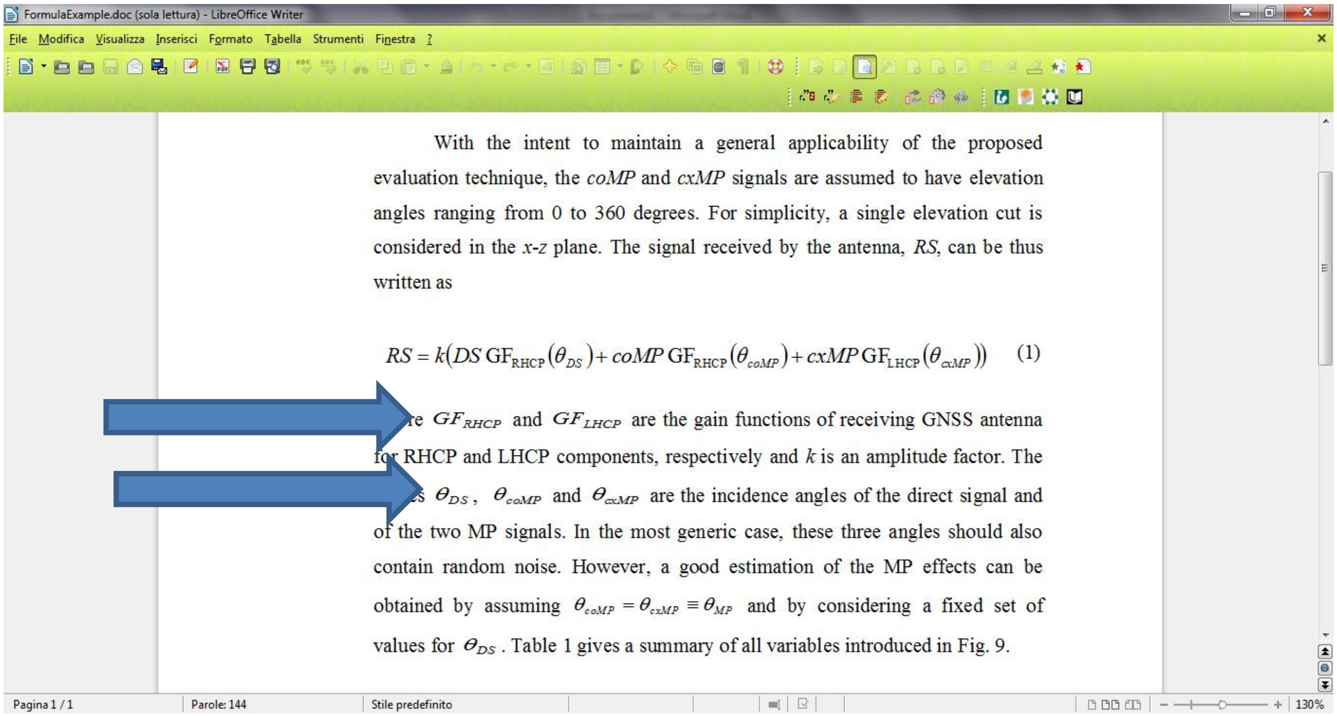
With the intent to maintain a general applicability of the proposed evaluation technique, the *coMP* and *cxMP* signals are assumed to have elevation angles ranging from 0 to 360 degrees. For simplicity, a single elevation cut is considered in the x-z plane. The signal received by the antenna, RS, can be thus written as

$$RS = k\left(DS\,\mathrm{GF}_{\mathrm{RHCP}}(\theta_{DS}) + coMP\,\mathrm{GF}_{\mathrm{RHCP}}(\theta_{coMP}) + cxMP\,\mathrm{GF}_{\mathrm{LHCP}}(\theta_{cxMP})\right) \qquad (1)$$

where GF_{RHCP} and GF_{LHCP} are the gain functions of receiving GNSS antenna for RHCP and LHCP components, respectively and k is an amplitude factor. The angles θ_{DS}, θ_{coMP} and θ_{cxMP} are the incidence angles of the direct signal and of the two MP signals. In the most generic case, these three angles should also contain random noise. However, a good estimation of the MP effects can be obtained by assuming $\theta_{coMP} = \theta_{cxMP} \equiv \theta_{MP}$ and by considering a fixed set of values for θ_{DS}. Table 1 gives a summary of all variables introduced in Fig. 9.

When imported into Libreoffice, formulas are deformed and with a white border around. Look here:


FormulaExample.doc (sola lettura) - LibreOffice Writer
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Pagina 1 / 1
Parole: 144
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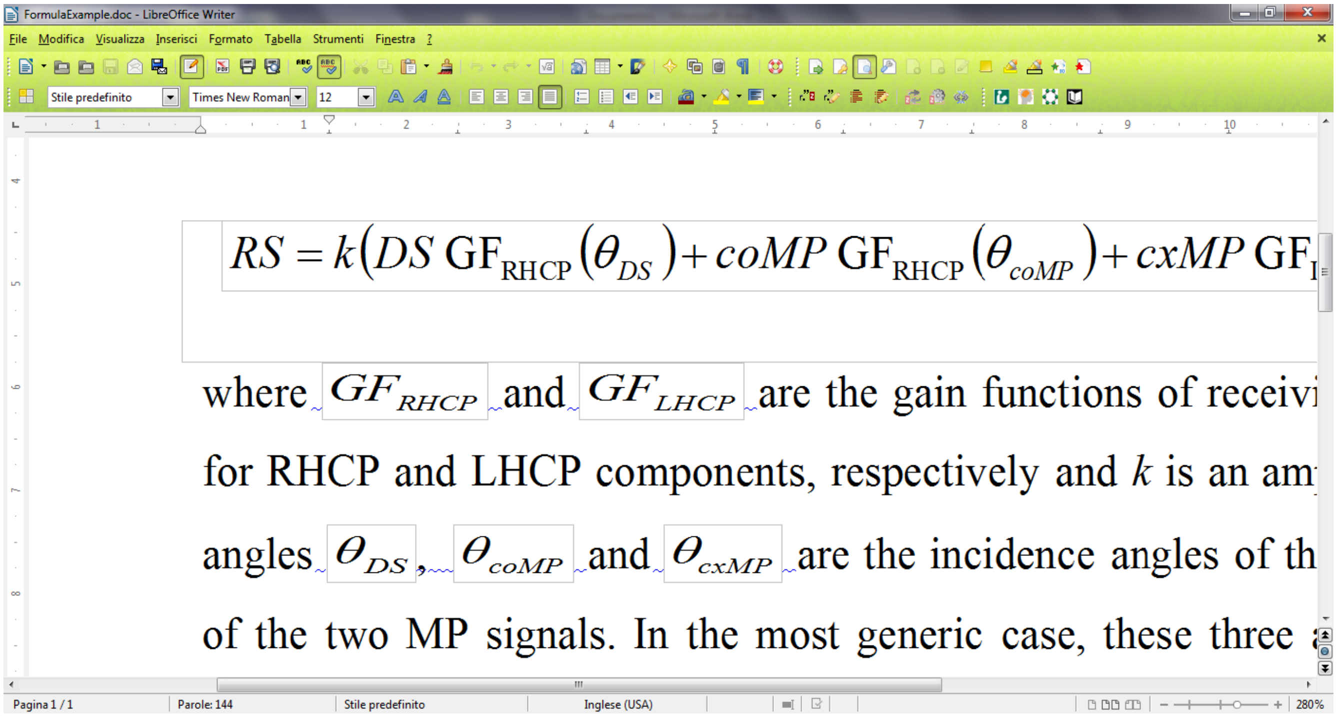
However, after just opening (double click) a formula in LibreOffice and closing without editing anything, the shape of the formula appears correctly. See next page to verify what I mean.

Before opening and closing formulas:


FormulaExample.doc - LibreOffice Writer
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Pagina 1 / 1
Parole: 144
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$RS = k\left(DS\,\mathrm{GF}_{\mathrm{RHCP}}\left(\theta_{DS}\right) + coMP\,\mathrm{GF}_{\mathrm{RHCP}}\left(\theta_{coMP}\right) + cxMP\,\mathrm{GF}_{\mathrm{L}}$

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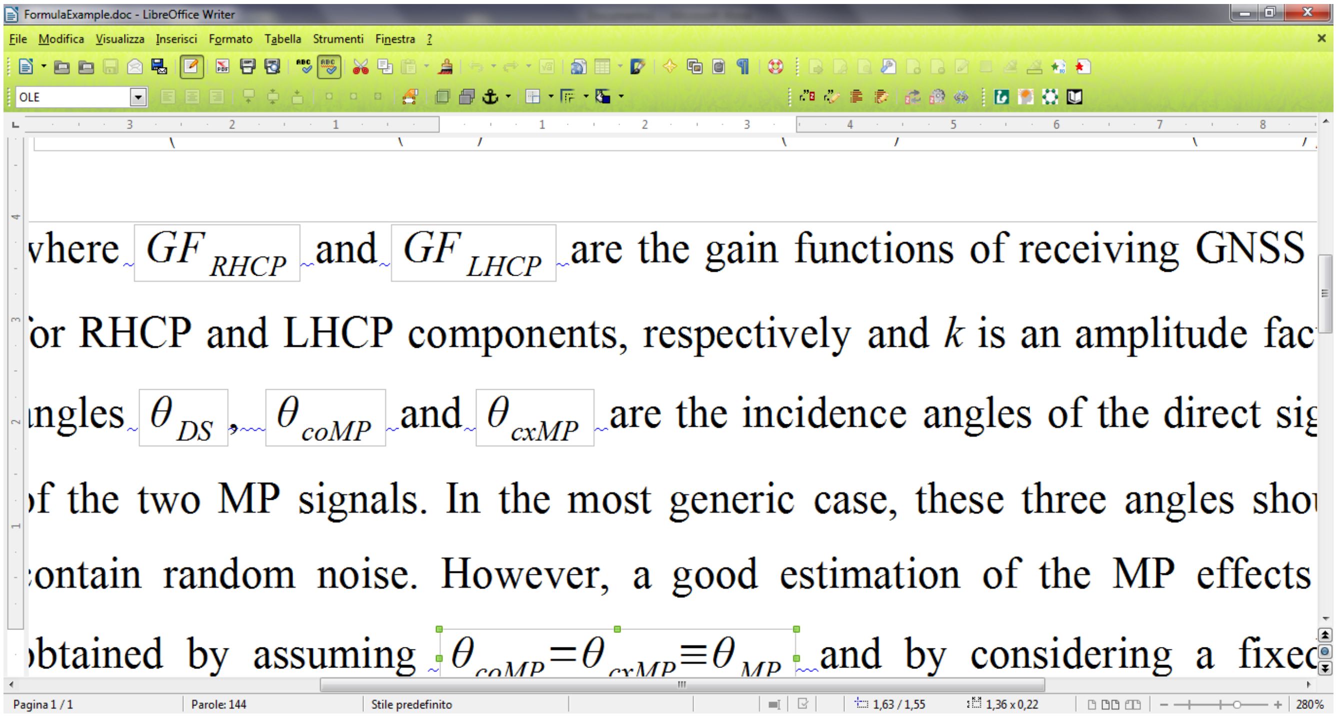
FormulaExample.doc - LibreOffice Writer
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OLE
Pagina 1 / 1
Parole: 144
Stile predefinito
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here $GF\ _{RHCP}$ and $GF\ _{LHCP}$ are the gain functions of receiving GNSS

or RHCP and LHCP components, respectively and k is an amplitude fac

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