Typos for the 1st edition of "Brazilian Derivatives and Securities"

July 11, 2016

Ackowledgements

Page xxi: **Mathias** Rosenbaum => **Mathieu** Rosenbaum

1.2.1 Testing the waters

Page 24: against the dollar **is** US Dollar per currency terms => against the dollar **in** US Dollar per currency terms

3.1 3 months in the life of an IR Swap

Page 65: would be around 12.40% **util** the next COPOM meeting. => would be around 12.40% **until** the next COPOM meeting.

3.8.1 DI Future (DI1) pricing

Page 80:

Equation 36:

$$FUT_{DI}(t,T) = \mathbb{E}^{\mathbb{Q}^{\mathrm{T}}_{\mathrm{CDI}}}\left[\frac{100{,}000}{\prod_{T_i=t}^{T}\left[1+CDI_{T_i}\right]^{\frac{1}{252}}} \cdot \frac{d\mathbb{Q}^{*}}{d\mathbb{Q}_{\mathrm{CDI}}{}^{T}}|_{T}|\mathcal{F}_{\mathrm{t}}\right] => FUT_{DI}(t,T) = \mathbb{E}^{\mathbb{Q}^{\mathrm{T}}_{\mathrm{CDI}}}\left[\frac{100{,}000}{\prod_{T_i=t}^{T}\left[1+CDI_{T_i}\right]^{\frac{1}{252}}} \cdot \frac{d\mathbb{Q}^{*}}{d\mathbb{Q}_{\mathrm{CDI}}{}^{T}}|\mathcal{F}_{\mathrm{t}}\right]$$

4.2.2 Covariance

Page 95:

Equation 72:

$$\lambda_{1,2} = \left(\frac{\sigma_2^2+\sigma_1^2}{2}\right) \pm \sqrt{\left(\frac{\sigma_2^2-\sigma_1^2}{2}\right)+\sigma_{12}} => \lambda_{1,2} = \left(\frac{\sigma_2^2+\sigma_1^2}{2}\right) \pm \sqrt{\left(\frac{\sigma_2^2-\sigma_1^2}{2}\right)^2+\sigma_{12}^2}$$

Equation 74:

$$m_{1,2} = \left(\frac{\sigma_2^2-\sigma_1^2}{2\sigma_{12}}\right) \pm \sqrt{\left(\frac{\sigma_2^2-\sigma_1^2}{2\sigma_{12}}\right)+1} => m_{1,2} = \left(\frac{\sigma_2^2-\sigma_1^2}{2\sigma_{12}}\right) \pm \sqrt{\left(\frac{\sigma_2^2-\sigma_1^2}{2\sigma_{12}}\right)^2+1}$$

References

"**Interpolaçnao** por Cubic Spline **paraa** Estrutura a Termo Brasileira"=>"**Interpolação** por Cubic Spline **para a** Estrutura a Termo Brasileira"

Cambio=>Câmbio