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## APPENDIX B

### The EQUATIONS USED FOR DETENDERE the DATA SALARIES OF THE FINANCIAL MARKET FROM 1790 (You see Diagrams VIII.To and VIII.B)

The equation used for dedirezionare the data is that one for the esponenziale increase, that is:

$$q = q_0 \text{ and } kt \text{ where, (i) } k = \frac{1}{t_2 - t_1} \ln \left( \frac{q_2}{q_1} \right)$$

$$t_2 - t_1 (q_1)$$

$$(ii) q_0 = q_1 \left( \frac{q_2}{q_1} \right)^{\frac{t_1}{t_2 - t_1}}$$

$$(q_2)$$

For the esponenziale tendency between 1914 and the 1992 the data following in the soprastanti equations were used:

$$t_0 = 12/1914$$

$$t_1 = 10/1987 = 874 \text{ months; } q_1 = 2662$$

$$t_2 = 2/1992 = 926 \text{ months; } q_2 = 3313$$

Therefore, the defining equation the tendency between 1914 and 1992 is:

$$q = 67,332 x \text{ and } 0.004207t$$

This equation was uniform in the data salaries in order to arrive to Diagram VIII.Detrendizzato B.

The same technique was applied to period 1790 - 1914 in order to arrive to the tendency equation:

$$q = 5,378 x \text{ and } 0.001672t$$

This equation was uniform in the data salaries in order to arrive to Diagram VIII.To detrendizzato.

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