Nr.	Formula
	Dezvoltare in Serie Fourier
1.	$f(x) = \dfrac{a_0}{2} + \sum\limits_{n=1}^{\infty}\left(a_n \cos nx + b_n \sin nx\right)$
	Serii cu π
2.	$a_0 = \dfrac{1}{\pi}\displaystyle\int_{-\pi}^{\pi} f(x)\,dx$
3.	$a_n = \dfrac{1}{\pi}\displaystyle\int_{-\pi}^{\pi} f(x)\cos nx\,dx$
4.	$b_n = \dfrac{1}{\pi}\displaystyle\int_{-\pi}^{\pi} f(x)\sin nx\,dx$
5.	$\displaystyle\int_{-a}^{a} f(x)\,dx = \begin{cases} 2\displaystyle\int_{0}^{a} f(x)\,dx \Rightarrow \text{f(x) - para,} \\ \\ 0 \Rightarrow \text{f(x) impara.} \end{cases}$
6.	$\sin n\pi = 0$
7.	$\cos n\pi = -1$
8.	$f(x) = \dfrac{a_0}{2} + \sum\limits_{n=1}^{\infty}\left(a_n \cos \dfrac{n\pi x}{l} + b_n \sin \dfrac{n\pi x}{l}\right)$
	Serii cu l
9.	$a_0 = \dfrac{1}{l}\displaystyle\int_{-l}^{l} f(x)\,dx$
10.	$a_n = -\dfrac{1}{l}\displaystyle\int_{-l}^{l} f(x)\cos \dfrac{n\pi x}{l}\,dx$
11.	$b_n = \dfrac{1}{l}\displaystyle\int_{-l}^{l} f(x)\sin \dfrac{n\pi x}{l}\,dx$
	Prelungire serie para / de cos
12.	$x \in [-l;0];\ f(x) = f(-x)$
13.	$f(x) = \begin{cases} f(-x), x \in -l;0 \end{cases}$