Power series functions	
Function signature	**Description**
serie_const_function(x,a)	It represents the function a*delta(x): 0 if x!=0 and a if x==0
serie_from_list(x,a)	It represents a set of deltas. if returns 0 if x not in range(len(a)) and it returns a[x] if x in range(len(a))
series_inverse_polynomial(f)	Given a polynomial f, it return the power series g such that f*g = 1
truncate_series(f,n)	Given a power series f, it returns the polynomial g that it is the truncated version of f until degree n.
power_series(a,var='x',P=0,NT=5)	If a is a element, it transform it to a power_series centered in P with coefficient 0 at degrees out of the scope of a. If a is a lambda function, it returns a power series that its coeffient follow the lambda function a. Exemple: a = 3 --> power_series(a) = 3 + 0*x + 0*x**2 + ... + 0*x**n + O(x**n+1) (all coefficients of the power series are 0 except for the constant coefficient) a = x+ 4*x**2 + x**3 --> power_series(a,y) = y + 4*y**2 + y**3 + 0*x**4 + ,,, + 0*x**n + O(x**n+1) (all the coefficients of the power series are zero except for the coefficients until degree 3) a = lambda x:x ---> power_series(a) = 0 + x + 2*x**2 + 3*x**3 + O(x**4) a = lambda x:x ---> power_series(a,'x',1) = x-1 + 2*(x-1) **2 + 3*(x-1)**3 + O((x-1)**4)