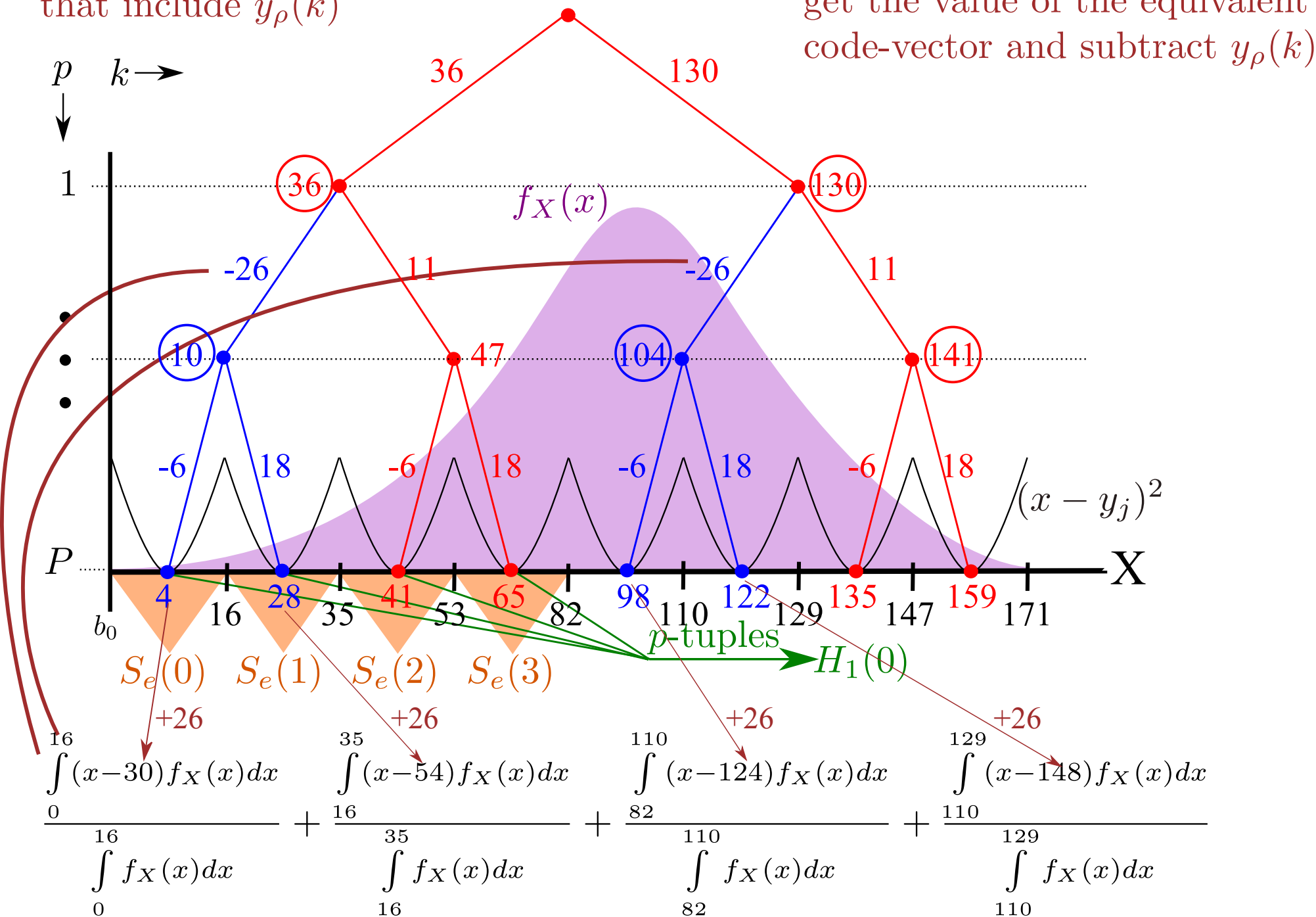
$$y_\rho(k) = \frac{\sum_{J \in H_\rho(k)} \int_{x \in S_e(J)} \left(x - \sum_{p=0, p \neq \rho}^{P-1} y_p(J) \right) f_x \, dx}{\sum_{J \in H_\rho(k)} \int_{x \in S_e(J)} f_x \, dx}$$

sum over all p-tuples that include $y_\rho(k)$

get the value of the equivalent code-vector and subtract $y_\rho(k)$



$$\frac{\int_0^{16} (x-30) f_X(x) dx}{\int_0^{16} f_X(x) dx} + \frac{\int_{16}^{35} (x-54) f_X(x) dx}{\int_{16}^{35} f_X(x) dx} + \frac{\int_{82}^{110} (x-124) f_X(x) dx}{\int_{82}^{110} f_X(x) dx} + \frac{\int_{110}^{129} (x-148) f_X(x) dx}{\int_{110}^{129} f_X(x) dx}$$