$$J(A,\varphi;x) := J(x + \varphi(Ax);x) = 1 + \sum_{1 \le \#I \le n} [A]_I \prod_{j \in I} \varphi'(\langle A_j, x \rangle) \equiv 1 + a_{11} \varphi'(\langle A_1, x \rangle) + \dots + a_{nn} \varphi'(\langle A_n, x \rangle) + [A]_I \prod_{j \in I} \varphi'(\langle A_j, x \rangle) = 1 + a_{11} \varphi'(\langle A_1, x \rangle) + \dots + a_{nn} \varphi'(\langle A_n, x \rangle) + [A]_I \prod_{j \in I} \varphi'(\langle A_j, x \rangle) = 1 + a_{11} \varphi'(\langle A_1, x \rangle) + \dots + a_{nn} \varphi'(\langle A_n, x \rangle) + [A]_I \prod_{j \in I} \varphi'(\langle A_j, x \rangle) = 1 + a_{11} \varphi'(\langle A_1, x \rangle) + \dots + a_{nn} \varphi'(\langle A_n, x \rangle) + \dots + a_{nn} \varphi'(\langle$$