$$J\left(x + ((H_{n,d}(s) \odot A)x)^d; x\right) \equiv J\left(\xi + (A\xi)^d; \xi\right)\Big|_{\xi_j = x_j s_j^d \left(\prod_{k=1}^n s_k\right)^{\frac{d}{d-1}}, 3mu3muj=1,\ldots,n}$$