This talk reports on joint work with G. Buskes. First we will give linearization of orthogonally additive $n$-homogeneous polynomials from a Banach lattice $E$ to a Banach space $Y$ through $\hat{\otimes}_{n,s,\pi} E / I_c$, the quotient of Banach space projective $n$-folder tensor product of $E$, and give linearization of regular orthogonally additive $n$-homogeneous polynomials from a Banach lattice $E$ to a Banach lattice $F$ through $\hat{\otimes}_{n,s,|\pi|} E / I_{oc}$, the quotient of Banach lattice projective $n$-folder tensor product of $E$. Then we will discuss the relationship between $\hat{\otimes}_{n,s,\pi} E / I_c$, $\hat{\otimes}_{n,s,|\pi|} E / I_{oc}$, and the $n$-concavification of $E$. 

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Orthogonally Additive Polynomials on Banach Lattices