1023-47-498   **George R. Exner*** (`exner@bucknell.edu`), Department of Mathematics, Bucknell University, Lewisburg, PA 17837. *Weighted shifts whose pth root shifts are subnormal.* Preliminary report.

Some weighted shifts W on Hilbert space are presented for which the shift with weights the pth roots of those of W is subnormal; it follows that some related shifts are also subnormal. The approach is via the Agler-Embry characterization of subnormality and completely monotone functions. (Received September 14, 2006)