

(1) Ameer Athavale, *Quasimilarity-invariance of joint spectra for certain subnormal tuples*, Bull. Lond. Math. Soc. 40 (2008), no. 5, 759–769.

p. 768: In the first line of the paragraph following Remark 7, the expression “an m -tuple T ” should be replaced by “a subnormal m -tuple T ”.

(2) Ameer Athavale, Abhijit Ranjekar and V. M. Sholapurkar, *On a class of alternately hyperexpansive subnormal weighted shifts*, Irish Math. Soc. Bull. No. 53 (2004), 35–52.

p. 36: $(\Delta\phi)(n)$ should be defined as $\phi(n+1) - \phi(n)$ (and not as $\phi(n) - \phi(n+1)$).

Comment: This is a typographical mistake. The correct interpretation of Δ is used throughout the paper, and in that sense no harm is done. But the typo may throw the reader off balance for a while.

(3) Ameer Athavale and V. M. Sholapurkar, *Completely hyperexpansive operator tuples*, Positivity 3 (1999), no. 3, 245–257.

p. 253: I am not sure about the validity of the bracketed statement “In fact, the conclusions of the proposition hold even if one simply assumes that $B_n(T) \leq 0$ for $|n| \leq 2$ ” that appears just prior to PROPOSITION 5.

Comment: This is an inadvertent left-over from an earlier version of the paper; I tried to get the statement removed just about the time the paper was in press, but did not succeed. The reader should ignore the statement (or try to prove or disprove it!) It is not used anywhere in the paper.

(4) Ameer Athavale, *GKS decomposition and spherical dilations*, J. Funct. Anal. 154 (1998), no. 1, 117–129.

p.126: In the statement of THEOREM 15, the reference should be to Theorem 8 (and not to Theorem 7); also, the “only if” assertion of the theorem is not correct and should be dropped.

Comment: That the “only if” assertion is not correct can be checked easily by considering $n = 1$ and letting T to be the Unilateral Shift. I really do not know how, in the “only if” part of the proof, I lapsed into concluding the SOT-convergence of $f_i(T)$ from the WOT-convergence of $f_i(T)$ and the uniform boundedness of $\|f_i(T)\|$. Letting T to be the unilateral shift and the Montel sequence f_i to be $f_i = z^i$, one sees that such a conclusion is not justified. The rest of the paper (including COROLLARY 16 which fortunately uses only the “if” part of the assertion) remains unaffected. Further, the correct portion of the observations in the proof of Theorem 15 actually shows that the following “if and only if” result is true:

Let T be an n -tuple of commuting operators in $B(H)$ admitting a spherical dilation. Then the “singular” part T_1 in the decomposition of T as given by Theorem 8 is absent if and only if $\{f_i(T)\}$ is WOT-convergent to 0 for every Montel sequence f_i .

Continued...

(5) Ameer Athavale, *Bargmann-type kernels and unbounded subnormals*, Rocky Mountain J. Math. 24 (1994), no. 3, 891–904.

p. 891: In the definition of a subnormal tuple, I forgot to mention (the standard requirement) that \mathcal{K} be a superspace of \mathcal{H} .

p. 899: In the second paragraph, one entire line following the first equality sign appears to have got deleted at the time of the paper getting printed; as such a part of the 3rd summand and a part of the 4th summand are missing. However, the missing portion can be easily figured out by looking at the expressions occurring following the second equality sign.

(6) Ameer Athavale, *On the intertwining of joint isometries*, J. Operator Theory 23 (1990), no. 2, 339–350.

p. 349: REMARK 5 occurring towards the end of the paper should be ignored.

Comment: Dropping the remark has no effect on the rest of the paper. That the contents of the remark are not valid has been pointed out in the following two subsequent papers of mine:

(A) *Relating the normal extension and the regular unitary dilation of a subnormal tuple of contractions*, Acta Sci. Math. (Szeged) 56 (1992), no. 1-2, 121–124.

(B) *A note on joint subnormality and spherical dilations*, Rev. Roumaine Math. Pures Appl. 37 (1992), no. 8, 667–672.

(7) Ameer Athavale, *On the Duals of Subnormal Tuples*, Integral Equations and Operator Theory 12 (1989), 305–323.

p. 316, line 9 from above: ‘ $\{\beta_k(j)\}_{j=0}^{\infty}$ ’ should be replaced by ‘ $\{\beta_k^2(j)\}_{j=0}^{\infty}$ ’.

p. 321, line 5 from above: ‘ $(1/2, 1, 1, \dots)$ ’ should be replaced by ‘ $(\sqrt{1/2}, 1, 1, \dots)$ ’.
