

Errata for
“Hyponormal Quantization of Planar Domains”,
Lecture Notes in Mathematics 2199,
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The following mistakes have been discovered.

- p.20, equation (2.35): The variables in the integral in the right member are incorrect. Equation (2.35) should read

$$G^*(z, w) = \frac{1}{\pi} \int_{\Omega} H(u, w) \frac{dA(u)}{u - z}, \quad z \in \Omega^e, \quad w \in \Omega.$$

- Section 3.3, beginning with equations (3.12), (3.13): The operators \bar{Z} and C are introduced and it is said that $\bar{Z} + C = Z^*$, see equation (3.14). However, \bar{Z} and C do not make independent sense as operators in that Hilbert space (only the sum does).

The problem is that $\mathcal{H}(\Omega)$ is a quotient space, and \bar{Z} , C make sense when acting on representatives for equivalence classes, but the result depends on which representatives are chosen. Since almost all essential statements are made in terms of the combination $\bar{Z} + C$ the mistake has limited consequences.

- p.93: The orthonormal vectors should be

$$e_{nk} = (k + 1)z^n \bar{z}^k.$$

Thus an ON-basis for $\mathcal{H}(\mathbb{D})$ is

$$\{e_{00}, e_{01}, e_{02}, \dots\} = \{(k + 1)\bar{z}^k : k = 0, 1, 2, \dots\}.$$

- p.98, line 3 from below: T_n^* should be T_n .
- p.108, line 11 from below: The equation should be

$$x^2 - y^2 + \log(x^2 + y^2) + 1 = 0.$$