

**CORRECTION TO MY PAPER "CLOSED-FORM SOLUTIONS
OF SOME PARTIAL DIFFERENTIAL EQUATIONS
VIA QUASI-SOLUTIONS II"¹**

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There is a hilarious omission in the statement of Theorem 1, on page 117. Namely, the case

$$(1) \quad u = \log(x^2 + y^2)$$

is left out of the list of solutions of the form $u = \varphi(A(x) + B(y))$, of Laplace's equation $u_{xx} + u_{yy} = 0$. The gap in the proof is in the treatment on pages 125–126 of the case $\lambda = 0$ where the subcase in (1.20) of $A''' = B''' = 0$ was improperly ignored. This subcase leads to (1) above. The omitted solution is explicitly mentioned on page 692 of Part I of the paper (Illinois J. Math. **35** (1991), 690–709).

There is a parallel omission in the statement of Theorem 2 on page 126, where the case

$$(2) \quad u = \log(x^2 - y^2)$$

is left out.

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¹Illinois J. Math. **36** (1992), 116–135.