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*Envelopes of holomorphy for solutions of the Laplace and Dirac equations*

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**Abstract:** Analytic continuation and domains of holomorphy for solution to the complex Laplace and Dirac equations in  $\mathbf{C}^n$  are studied. First, geometric description of envelopes of holomorphy over domains in  $\mathbf{E}^n$  is given. In more general case, solutions can be continued by integral formulas using values on a real  $n - 1$  dimensional cycle in  $\mathbf{C}^n$ . Sufficient conditions for this being possible are formulated.

**Keywords:** envelope of holomorphy, integral formula, index, null-convexity, complex null cone, Lipschitz boundary

**AMS Subject Classification:** 32D10, 30G35