## AN OPERATORIAL APPROACH TO SOLUTIONS OF BOUNDARY VALUE PROBLEMS IN THE HALF-PLANE

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A unified approach to solutions of boundary value problem in the half-plane is obtained by using the Hermite-Kampé de Fériet (or Gould-Hopper) polynomials in two variables. Many generalizations of classical canonical problems of hyperbolic and elliptic type are treated by using the pseudo-hyperbolic or pseudo-circular functions of the derivative operator.