An ergodic value distribution of certain meromorphic functions

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We will introduce a result on a certain mean-value of meromorphic functions by using specific ergodic transformations, which we call affine Boolean transformations. As examples, we introduce some applications to zeta functions and L-functions. We also introduce an equivalence of the Lindelöf hypothesis of the Riemann zeta function in terms of its certain ergodic value distribution associated with affine Boolean transformations. This result can be obtained by using Birkhoff's ergodic theorem to transform the mean-value into a computable integral which allows us to completely determine the mean-value of this ergodic type. This is a joint work with Junghun Lee.