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*Holomorphic curves into projective varieties intersecting general divisors*

We establish a general Second Main Theorem type result (as well as Schmidt's subspace type theorem in Diophantine approximation) for holomorphic curves into the projective variety  $X$  intersecting general divisor  $D$ , in terms of the (birational) Nevanlinna constant  $Nev_{bir}(D)$ . By computing  $Nev_{bir}(D)$  using the filtrations, it recovers (almost all) previous known results in this direction, as well as derive some new results for divisors which are not necessarily linear equivalent on  $X$ . The notion  $Nev_{bir}(D)$  is originally defined in terms of Weil functions for use in applications, and it is proved later that it can be defined in terms of local effectivity of Cartier divisors after taking a proper birational lifting. This is a joint work with Paul Vojta.