Waccabi - a 2D radiative transfer code for stellar winds in cataclysmic binaries

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We present a new 2D ray-tracing technique for computing the emergent spectra of stellar winds originating from the surfaces of primary star and the accretion disk in cataclysmic binaries. By using a highly modular approach, allowing easy modification and extension of the code, we self-consistently solve the pan-chromatic radiative transfer problem in moving media. Primary application of this code is to complement and to be used in conjunction with model atmosphere codes for stellar and accretion disk atmospheres and wind hydrodynamical models.