1056-35-1228 **Jose Miguel Urbano\*** (jmurb@mat.uc.pt), Departamento de Matematica, Universidade de Coimbra, 3001-454 Coimbra, Portugal. Limits as  $p(x) \to \infty$  of p(x)-harmonic functions.

We study the limit as  $p(x) \to \infty$  of solutions to  $-\Delta_{p(x)}u = 0$  in a domain  $\Omega$ , with Dirichlet boundary conditions. Our approach consists in considering sequences of variable exponents converging uniformly to  $+\infty$  and analyzing how the corresponding solutions of the problem converge and what equation is satisfied by the limit.

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