WWe have our PDE Sets $a_{\overline{A}}(\alpha, \sigma, \omega) = \frac{d\overline{U}}{A\overline{I}}$ Newton = some of (density for gravity to work on) · Coutinuit q en forcement (a pressore egn) Hydrostatic ("Primitive Ggs"
Nontyd : anelastic egs - Po(Zonly) & plat ?
"Soundproof : Boussinesse cgs - Co=const. in bnoyang
3f-3f(F): Doussinesse cgs - Co=const. in bnoyang Simplest! Ist What are isolutions to PDE's?
Felds in 4D space-time that obey"

Without fussing at analytic solutions (intradable), categorite types of solutions Diagnostic Steady or Quasi-Steady "Stationary" e transient "weather" term is leading order what times cale separates these? Ealanced (for forces) 1 9 day for seostrophy · residence time for KE = (KE) about a weeky nonlinear · linearized US. perturbations is so small that I don't importantly they are amplitude - independent advect partirbation quantities RHS terms

Free Solutions

Solutions