# HG changeset patch  
# User Vivek Dogra <[vivek.dogra.iitd@gmail.com](mailto:vivek.dogra.iitd@gmail.com)>  
# Date 1345057735 -19800  
# Node ID 2c985a4cffb78b76648943dc219946cd8ef05b73  
# Parent  3b8275fed4dd9ba65e1ce1347850b4ea405859a1  
Modified interp1.m file to check whether X has distinct values or not.  
  
diff -r 3b8275fed4dd -r 2c985a4cffb7 scripts/general/interp1.m  
--- a/scripts/general/interp1.m    Wed Aug 15 08:33:03 2012 -0700  
+++ b/scripts/general/interp1.m    Thu Aug 16 00:38:55 2012 +0530  
@@ -168,6 +168,12 @@  
     y = y(p,:);  
   endif  
   
+ ## check whether sample point @var{x} are distinct; give error if not.  
+  d = diff(x);  
+  if (any(d == 0))  
+    error ("interp1: X should have distinct values");  
+  endif  
+  
   starmethod = method(1) == "\*";  
   
   if (starmethod)