Subject: setintersection assumes sets have no repetitions?
Posted by penteado on Sat, 23 Feb 2013 20:46:15 GMT
View Forum Message <> Reply to Message

I am using Coyote's set functions, and I noticed that when I use some (not any) sets with repetitions as input, it crashes:

```
IDL>
a=[1,2,3,4,5]
IDL>
b=[1,2,2,2]
IDL>
 print,setintersection(a,b,indices_a=ia,indices_b=ib,position s=pos)
% Compiled module: SETINTERSECTION.
% Compiled module: REVERSEINDICES.
% Compiled module: ERROR_MESSAGE.

Traceback Report from SETINTERSECTION:

    % Out of range subscript encountered: BINDICES.
    % Execution halted at:  SETINTERSECTION   192 /software/idl/
others/idl-coyote-read-only/coyote/setintersection.pro
    %                    $MAIN$
        -1
```

Is this the expected behavior? Are the input sets supposed not to have repetitions? The documentation suggests they may have repeated elements, thus making the positions array different from indices_a.