Subject: Removing if then else loop for efficiency

Posted by Tom Ashbee on Sun, 10 Jan 2010 12:06:43 GMT

Hello,

apologies for my newb-ness, but I was hoping I could get some help
with increasing the efficiency of the following program:

At the moment it is like this

```
for i=0, N-1 do begin
  for j=0, N-1 do begin
    if i ne j then begin
       ;stuff
    endif else begin
       ;more stuff
    endif
  endfor
endfor
```

It's way too slow at the moment, but I gather I can remove one of the
for loops and the if then else loop but I have no idea how!

Any help would be much appreciated and I can post the full program too
if it helps. FTR it's the RHS of a Hamiltonian.

Thanks again