























































```
ADDRESS TRANSLATION - 3
  18:
          PTINdex = (VPN & PT MASK) >> PT SHIFT
          PTEAddr = (PDE.PFN << SHIFT) + (PTIndex * sizeof(PTE))
  19:
          PTE = AccessMemory(PTEAddr)
         if(PTE.Valid == False)
 22:
                 RaiseException(SEGMENTATION FAULT)
         else if (CanAccess(PTE.ProtectBits) == False)
 23:
 24:
                 RaiseException(PROTECTION_FAULT);
 26:
                  TLB_Insert(VPN, PTE.PFN , PTE.ProtectBits)
  27:
                  RetryInstruction()
March 1, 2017
                                                                       L16.30
```



