BT min 9

```
2 \int_{0}^{\pi/2} \frac{3 \sin \theta - \sin 3\theta}{4} d\theta \int_{0}^{\pi/2} \sin 2\theta d\theta
2 \left( \frac{-3}{4} \cos \theta + \frac{\cos 3\theta}{12} \right) \Big|_{0}^{\pi/2} - \frac{\cos 2\theta}{2} \Big|_{0}^{\pi/2}
x y dS, S là phân mặt nón y = √x²+ 2², 1 ≤ y ≤2
     chiếu cuá S trên 0x \neq la miền: D: 1 \leq 1x^{2} + 1 + y_{2}^{2} and 2 = \sqrt{\frac{2}{\sqrt{x^{2} + 2^{2}}}} + 1 + (\frac{2}{\sqrt{x^{2} + 2^{2}}})
                                12 12 dxdz
                             11 r20529 r 12 rdrd9
                           12 (9 + 44) 1-1 1-1
                                    31/2 n
```

Bai 4: Solo bien hi dien $\begin{cases} x+y+z \leq 1 \\ x \neq 0; y \neq 0; z \neq 0 \end{cases}$ Do x,y,z có rai trô như nhau trong S nen ta có: $I = \int \frac{dS}{dS} + 3 \int \frac{dS}{dS}$ I = | \ ___ $\frac{1}{2} \int \frac{a^2}{(1+x+y)^2}$ 8' (2+x+y+2)2 Va D | x + y = 1 x 70; y 15 V3 drdy D (2+ x+4) $\frac{1}{3} \frac{1}{3} \frac{1}$ + 3 ln 3