

1.各曲面名称

帅"帅"帅哥

帅-帅=禹帅 事+多=毒毒

ま-ま -- 嫂嫂

- 2. 球坐标 微元: dv= r*smq1odqdr
- 3. $(2n-1)!! = \frac{(2n)!}{2^{n} \cdot n!}$

$$\int_{\frac{1}{2}}^{\frac{1}{2}} (1-x) \cos \frac{n x x}{\nu} dx$$

$$\stackrel{\text{til}(x)}{=} \int_{0}^{\frac{1}{2}} t \cos[n x - \frac{n x x}{\nu}] dt$$

$$=\int_{0}^{\infty} t \cos[nx - \frac{nxt}{\nu}] dt$$

$$= \int_{0}^{\frac{1}{2}} t \cos na \cos \frac{nat}{L} dt = (-1)^{n} \int_{0}^{\frac{1}{2}} t \cos \frac{nat}{L} dt$$