$${}_{\Sigma}1ds =$$
$$\underline{\int_0^\pi} d\theta \int_0^{2\pi} r^2 sin(\theta) d\phi$$
$$\underline{\int_0^\pi} d\theta \int_0^{2\pi} \sin(\theta) \left(\frac{1}{5}\sin(\theta m)\sin(n\phi)+1\right)^2 d\phi$$
$$\underline{\frac{4\sin(\pi m)\sin^2(\pi n)}{5n-5m^2n}} -$$
$$\frac{\left(8m^2+\cos(2\pi m)-1\right)\sin(4\pi n)}{200(4m^2-1)n} +$$
$$\frac{\pi\left(8m^2+\cos(2\pi m)-1\right)}{50(4m^2-1)} +$$
$$\underline{4}\pi$$
$$\left(\frac{8m^2}{50(4m^2-1)}+4\right)\pi$$
$${}_{p}icture/picture.jpg$$
$$\sin\alpha -$$
$$\sin\beta =$$
$$2\cos\frac{\alpha+\beta}{2}\sin\frac{\alpha-\beta}{2}$$
$$\sin\sqrt{x+k} -$$
$$\sin\sqrt{x} =$$
$$2\cos\frac{\sqrt{x+k}+\sqrt{x}}{2}\sin\frac{\sqrt{x+k}-\sqrt{x}}{2}$$
$$\lim_{x\to+\infty}\sin\sqrt{x+k}-\sin\sqrt{x} =$$
$$\lim_{\underline{x}\to+\infty} 2\cos\frac{\sqrt{x+k}+\sqrt{x}}{2}\sin\frac{\sqrt{x+k}-\sqrt{x}}{2}$$
$$=$$
$$\lim_{x\to+\infty} cos\frac{\sqrt{x+k}+\sqrt{x}}{2}\left(\sqrt{x+k}-\sqrt{x}\right)$$
$$\lim_{x\to+\infty}\sqrt{x+k}-\sqrt{x} =$$
$$0,$$
$$0\left|\cos\frac{\sqrt{x+k}+\sqrt{x}}{2}\right|1$$
$$\lim_{x\to+\infty}\sin\sqrt{x+k}-\sin\sqrt{x} =$$
$$\lim_{x\to+\infty} cos\frac{\sqrt{x+k}+\sqrt{x}}{2}\left(\sqrt{x+k}-\sqrt{x}\right) =$$
$$0$$
$$a_k = \{\, b_1 - b_n k = 1, b_k - b_{k-1} 2kn$$
$$\sum_{k=1}^{n} a_k =$$
$$0b_0 =$$
$$b_n$$
$$\lim_{x\to+\infty}\sum_{k=1}^{n} a_k \sin\sqrt{x+k} =$$
$$\lim_{x\to+\infty}\sum_{k=1}^{n} b_k - b_{k-1}\sin\sqrt{x+k}$$
$$=$$
$$\lim_{x\to+\infty} -\sum_{k=1}^{n-1} b_i\left(\sin\sqrt{x+k+1}-\sin\sqrt{x+k}\right) - b_n\left(\sin\sqrt{x+1}-\sin\sqrt{x+k}\right)$$
$$\lim_{x\to+\infty}\sin\sqrt{x+k}-\sin\sqrt{x} =$$
$$0$$
$$\lim_{x\to+\infty}\sum_{k=1}^{n}\sin\sqrt{x+k} =$$
$$0$$