```
In[*]:= n1 = 1 / Sqrt[2];
                                                                     Quadratwur:
 In[ • ]:= n2 = n1;
 In[*]:= n3 = 0;
                             n = \{n1, n2, n3\};
 ln[\bullet]:= R = \left\{ \left\{ n1^2 \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right\} \right\}
                                                                                                                Kosinus Kosinus
                                                       \mathsf{n1} * \mathsf{n2} \left( 1 - \mathsf{Cos}\left[\alpha\right] \right) - \mathsf{n3} * \mathsf{Sin}\left[\alpha\right] \text{, } \mathsf{n1} * \mathsf{n3} \left( 1 - \mathsf{Cos}\left[\alpha\right] \right) + \mathsf{n2} * \mathsf{Sin}\left[\alpha\right] \right) \text{,}
                                                                                                                                                                          Sinus
                                                                                                                                                                                                                                                                                                            Kosinus
                                                  \{n2*n1(1-\cos[\alpha])+n3*\sin[\alpha], n2^2(1-\cos[\alpha])+\cos[\alpha],
                                                                                                                                                                                                                                                                                                      Kosinus Kosinus
                                                       n2 * n3 (1 - Cos[\alpha]) - n1 * Sin[\alpha], \{n3 * n1 (1 - Cos[\alpha]) - n2 * Sin[\alpha],
                                                       n3 * n2 (1 - Cos[\alpha]) + n1 * Sin[\alpha], n3^2 (1 - Cos[\alpha]) + Cos[\alpha]};
                                                                                                                                                                                                                                                                                                      Kosinus Kosinus
 ln[\circ]:= d = R.(s * \{1, 0, 0\} + t * \{0, 1, 0\}) + m \{mx, my, 0\};
 ln[*]:= a = \{ax, ay, az\};
                             b = \{bx, by, bz\};
 In[ • ]:= la = d.a;
                             1b = -d.b;
                             1 = 1a + 1b;
 ln[\circ]:= p = 2 * Pi * 1/\lambda;
                                                                Kreiszahl \pi
                             pa = 2 * Pi * la / \lambda;
                                                                    Kreiszahl π
                             pb = 2 * Pi * lb / \lambda;
 ln[@]:= F1 = A * Exp[I * p]
                                                                E··· imaginä
Out[ • ]= A
                                          \underline{2 \text{ i} \pi \left( \text{ax} \left( \text{m mx} + \frac{1}{2} \text{t} \left( 1 - \cos \left[ \alpha \right] \right) + \text{s} \left( \frac{1}{2} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) - \text{bx} \left( \text{m mx} + \frac{1}{2} \text{t} \left( 1 - \cos \left[ \alpha \right] \right) + \text{s} \left( \frac{1}{2} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) - \text{by} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) + \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( \text{m my} + \frac{1}{2} \text{s} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha \right] \right) + \text{ay} \left( 1 - \cos \left[ \alpha 
 lo[\circ]:= F2 = Integrate[F1, {s, 0, S}, {t, 0, T}]
                                                                    \left(\pi^{2}\left(ax + ay - bx - by + \left(ax - ay - bx + by\right) \cos\left[\alpha\right] - \sqrt{2}\left(az - bz\right) \sin\left[\alpha\right]\right)
                                                  \left(-\operatorname{ax}-\operatorname{ay}+\operatorname{bx}+\operatorname{by}+\left(\operatorname{ax}-\operatorname{ay}-\operatorname{bx}+\operatorname{by}\right)\,\operatorname{Cos}\left[\alpha\right]\,-\,\sqrt{2}\,\left(\operatorname{az}-\operatorname{bz}\right)\,\operatorname{Sin}\left[\alpha\right]\right)\right)
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In[ • ]:=

$$\begin{array}{l} \textit{In} [=] := A = 1; \\ mx = 0; \\ my = 0; \\ S = m; \\ T = m; \\ F2 \\ \textit{Out} [=] := \left( \left( 1 + e^{\frac{i \left( 2\,ax\,m + 2\,ay\,m - 2\,bx\,m - 2\,by\,m \right)\,\pi}{\lambda}} - e^{\frac{i\,\pi\left( ax\,m + ay\,m - bx\,m - by\,m + \left( ax\,- ay\,- bx + by \right)\,m\,\cos\left( \alpha \right) - \sqrt{2}\,\left( az\,- bz \right)\,m\,\sin\left( \alpha \right)}} \right) \lambda^2 \right) \right/ \\ = \left( \frac{i\,\pi\left( ax\,m + ay\,m - bx\,m - by\,m - \left( ax\,- ay\,- bx + by \right)\,m\,\cos\left( \alpha \right) + \sqrt{2}\,\left( az\,- bz \right)\,m\,\sin\left( \alpha \right)}{\lambda} \right) \lambda^2 \right) \right/ \\ = \left( \frac{\pi^2\left( ax\,+ ay\,- bx\,- by\,+ \left( ax\,- ay\,- bx\,+ by \right)\,\cos\left( \alpha \right) - \sqrt{2}\,\left( az\,- bz \right)\,\sin\left( \alpha \right) \right)}{\left( - ax\,- ay\,+ bx\,+ by\,+ \left( ax\,- ay\,- bx\,+ by \right)\,\cos\left( \alpha \right) - \sqrt{2}\,\left( az\,- bz \right)\,\sin\left( \alpha \right) \right) \right)} \end{array}$$