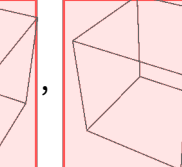
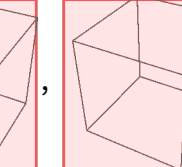


$I=Part[\{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}, 21] \hbar$; $E=Part[\{3.08893, 3.51358, 3.99377, 4.52948, 5.12072, 5.76748, 6.46976, 7.22757, 8.0409, 8.90976, 9.83413, 10.814, 11.8495, 12.9404, 14.0869, 15.2889, 16.5464\}, 21] MeV$

Show[ , ]

```
ContourPlot3D[x^2 + y^2 + z^2 == {13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] ({13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] + 1), {x, -({13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] + pad)}, {13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] + pad}, {y, -({13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] + pad)}, {13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] + pad}, {z, -({13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]] + pad)}, MeshFunctions -> {Function[{x$, y$, z$}, Evaluate[ $\frac{1}{144} (1 - 1 / (2 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]))$  x$^2 +  $\frac{1}{30} (1 - 1 / (2 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]))$  y$^2 +  $(\frac{1}{14} (1 - 1 / (2 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]])) + j / (144 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]))$  z$^2 +  $\frac{1}{2} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] (\frac{1}{144} + \frac{1}{30}) + \frac{1}{14} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]^2 + \frac{1}{2} j (\frac{1}{30} + \frac{1}{14}) + \frac{j^2}{144} - \frac{1}{14} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] (\{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] - \frac{1}{2}) - \frac{2}{144} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] j ] ]}, Mesh -> {{3.08893, 3.51358, 3.99377, 4.52948, 5.12072, 5.76748, 6.46976, 7.22757, 8.0409, 8.90976, 9.83413, 10.814, 11.8495, 12.9404, 14.0869, 15.2889, 16.5464}[[21]]}}, ContourStyle -> {Red, Specularity[0.2], Opacity[0.8]}, MeshStyle -> {Yellow, Thick}, PlotPoints -> 50, BoundaryStyle -> {None, Boxed -> False, Axes -> False}], ContourPlot3D[ $\frac{1}{144} (1 - 1 / (2 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]))$  x^2 +  $\frac{1}{30} (1 - 1 / (2 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]))$  y^2 +  $(\frac{1}{14} (1 - 1 / (2 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]])) + j / (144 \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]))$  z^2 +  $\frac{1}{2} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] (\frac{1}{144} + \frac{1}{30}) + \frac{1}{14} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]]^2 + \frac{1}{2} j (\frac{1}{30} + \frac{1}{14}) + \frac{j^2}{144} - \frac{1}{14} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] (\{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] - \frac{1}{2}) - \frac{2}{144} \{13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5\}[[21]] j == {3.08893, 3.51358, 3.99377, 4.52948, 5.12072, 5.76748, 6.46976, 7.22757, 8.0409, 8.90976, 9.83413, 10.814, 11.8495, 12.9404, 14.0869, 15.2889, 16.5464}[[21]], {x, -2.1 {13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5, 35.5, 37.5, 39.5, 41.5, 43.5, 45.5}[[21]], 2.1 {13.5, 15.5, 17.5, 19.5, 21.5, 23.5, 25.5, 27.5, 29.5, 31.5, 33.5,$$ 
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