In[68]:=
```
Table[FullSimplify[SeriesCoefficient[brad10, k]], {k, 1, 10}]
```

Out[68]=

$$\left\{u\,v,\ \frac{1}{2}\,(-1+u^2)\,(-1+v^2),\ \frac{1}{6}\,u\,(-3+u^2)\,v\,(-3+v^2),\ \frac{1}{24}\,(3-6\,u^2+u^4)\,(3-6\,v^2+v^4),\right.$$
$$\frac{1}{120}\,u\,(15-10\,u^2+u^4)\,v\,(15-10\,v^2+v^4),\ \frac{1}{720}\,(-15+45\,u^2-15\,u^4+u^6)\,(-15+45\,v^2-15\,v^4+v^6),$$
$$\frac{u\,(-105+105\,u^2-21\,u^4+u^6)\,v\,(-105+105\,v^2-21\,v^4+v^6)}{5040},$$
$$\frac{(105-420\,u^2+210\,u^4-28\,u^6+u^8)\,(105-420\,v^2+210\,v^4-28\,v^6+v^8)}{40320},$$
$$\frac{u\,(945-1260\,u^2+378\,u^4-36\,u^6+u^8)\,v\,(945-1260\,v^2+378\,v^4-36\,v^6+v^8)}{362880},\ \frac{1}{3628800}$$
$$\left.((-945+4725\,u^2-3150\,u^4+630\,u^6-45\,u^8+u^{10})\,(-945+4725\,v^2-3150\,v^4+630\,v^6-45\,v^8+v^{10}))\right\}$$

In[69]:=
```
TableForm[%]
```

Out[69]//TableForm=

$$u\,v$$
$$\frac{1}{2}\,(-1+u^2)\,(-1+v^2)$$
$$\frac{1}{6}\,u\,(-3+u^2)\,v\,(-3+v^2)$$
$$\frac{1}{24}\,(3-6\,u^2+u^4)\,(3-6\,v^2+v^4)$$
$$\frac{1}{120}\,u\,(15-10\,u^2+u^4)\,v\,(15-10\,v^2+v^4)$$
$$\frac{1}{720}\,(-15+45\,u^2-15\,u^4+u^6)\,(-15+45\,v^2-15\,v^4+v^6)$$
$$\frac{u\,(-105+105\,u^2-21\,u^4+u^6)\,v\,(-105+105\,v^2-21\,v^4+v^6)}{5040}$$
$$\frac{(105-420\,u^2+210\,u^4-28\,u^6+u^8)\,(105-420\,v^2+210\,v^4-28\,v^6+v^8)}{40320}$$
$$\frac{u\,(945-1260\,u^2+378\,u^4-36\,u^6+u^8)\,v\,(945-1260\,v^2+378\,v^4-36\,v^6+v^8)}{362880}$$
$$\frac{(-945+4725\,u^2-3150\,u^4+630\,u^6-45\,u^8+u^{10})\,(-945+4725\,v^2-3150\,v^4+630\,v^6-45\,v^8+v^{10})}{3628800}$$