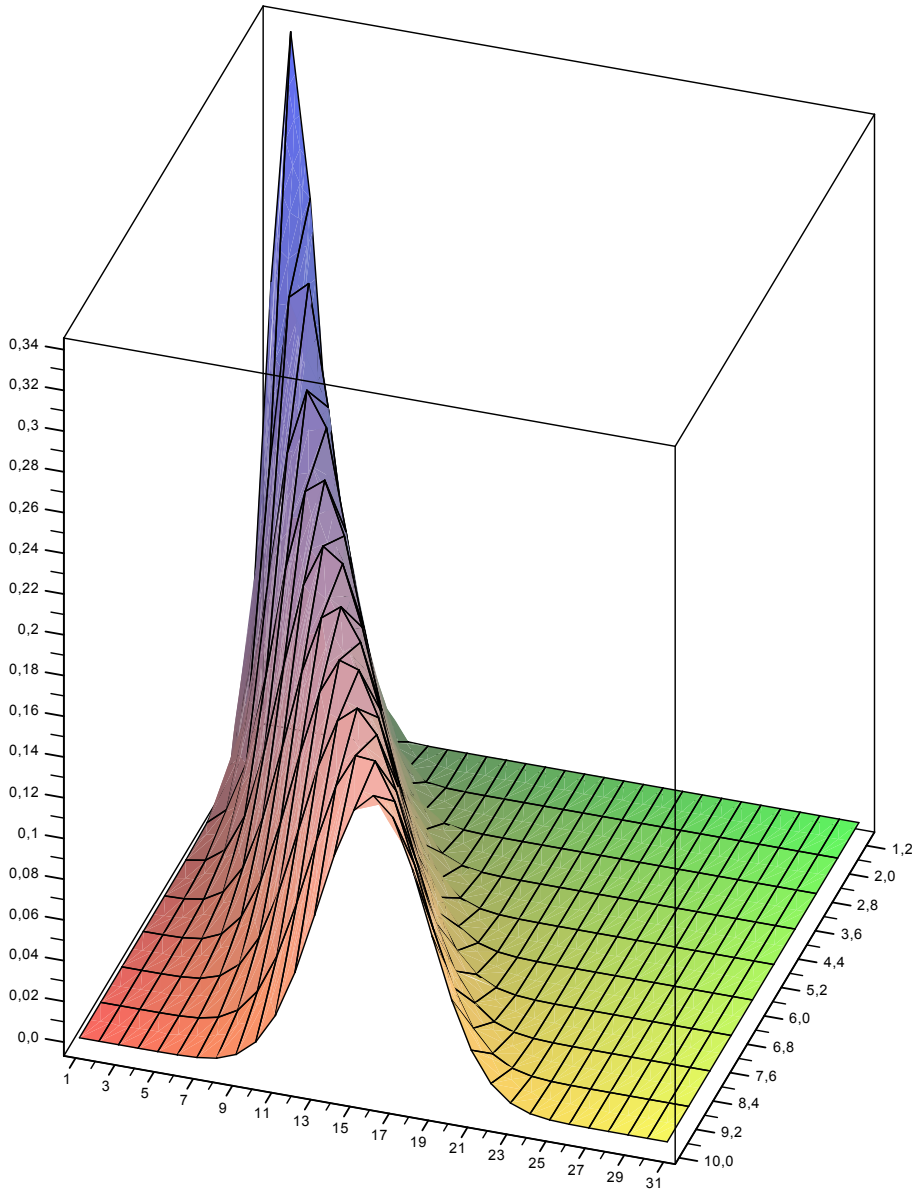
Grafische Darstellung zur Binomialverteilung für n=30, p=1/20..1/2

```
> bin := proc(n, p)
  seq(binomial(n, k)·p^k·(1 − p)^(n − k), k = 0 ..n)
  end;
```

$$bin := \mathbf{proc}(n,p)\ seq(\text{binomial}(n,k) * p\text{^}k * (1-p)\text{^}(n-k), k=0..n)\ \mathbf{end\ proc} \qquad (1)$$

```
> listplot3d([[seq([[bin(30, p/20)], p = 1 ..10])]])
```




```
>
```