

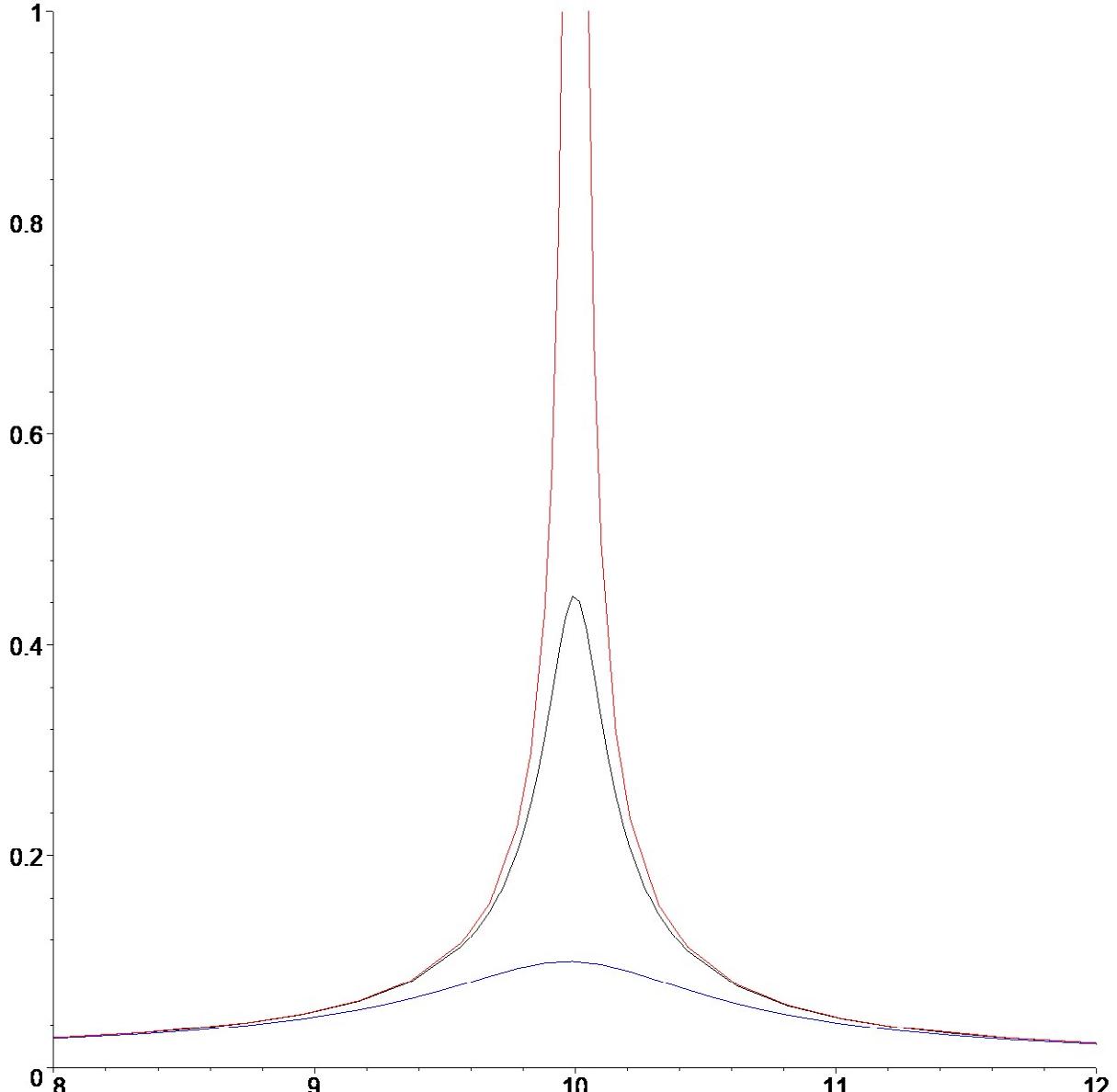
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[ >
[ > ### Doroshin A.V., 14.09.22
[ > ### Amplitude dependence from the perturbing frequency
[ >
[ > fun:=(p,nu)->1/(sqrt((om^2-p^2)^2+nu*p^2));
      
$$fun := (p, v) \rightarrow \frac{1}{\sqrt{(om^2 - p^2)^2 + vp^2}}$$

[ > om:=10;
      
$$om := 10$$

[ > plot([fun(p,0),fun(p,0.05),fun(p,1)],p=0..20,color=[red,black,blue],view=[8..12,0..1]);

```



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[ >
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