```latex
¿=Latex, line/.style= draw=black!50, fill=black!10, thick, shorten ¿=-1pt, , linebig/.style= draw=black!50, fill=bla
[scale=.6]
(A) at (-1,3); (B) at (4,1); (C) at (1,-1);
[line] (A) node[left] g(A) -- ++(1,1); [line] (A) -- ++(-.5,.5); [dottedline] (B) -- ++(-.5,.5); [line] (B) -- ++(.5,.5); [lin
```