Opencv Mat initialization trap

Mat has no << operator for comma Initialization, but Mat\_<> has.

Code from opencv:

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template<typename \_Tp, typename T2> static inline MatCommaInitializer\_<\_Tp>

**operator** << (const Mat\_<\_Tp>& m, T2 val)

{

MatCommaInitializer\_<\_Tp> commaInitializer((Mat\_<\_Tp>\*)&m);

return (commaInitializer, val);

}

-----------------------------------------------------

But when i write below code:

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Mat res;

cv::MatConstIterator\_<double> it = mat.begin<double>();

res = cv::Mat\_<double>(3,3) <<

0, -\*(it+2), \*(it+1),

\*(it+2), 0, -\*(it+0),

-\*(it+1), \*(it+0), 0;

-----------------------------------------------------

I get strange invalid result behind this snip of code. It takes me some time to find out that the res was not initialized as expected except for the first element.