

# Hurwitz numbers for real polynomials

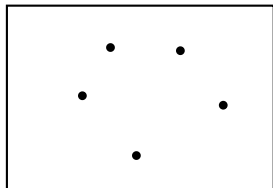
Ilya Itenberg

Dimitri Zvonkine

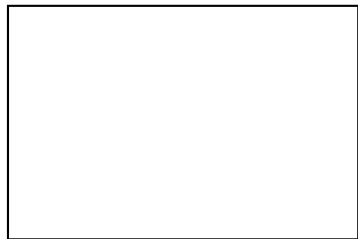
## Complex polynomials (an aside)



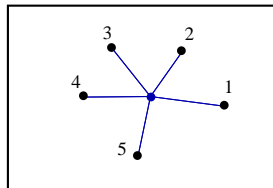
$\xrightarrow{P}$



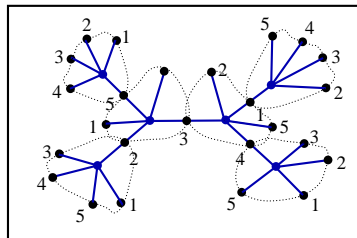
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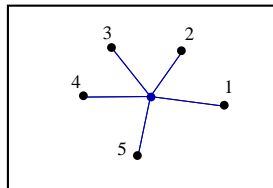
$P$  →



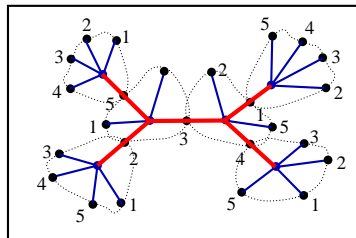
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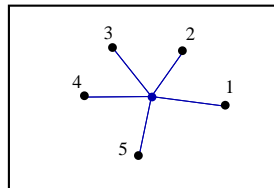
$P$



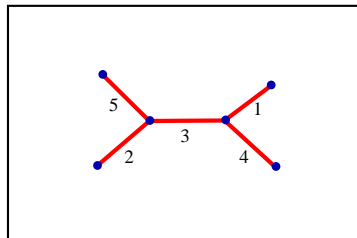
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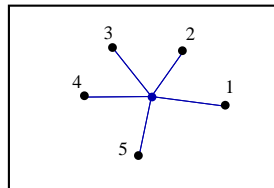
$P$



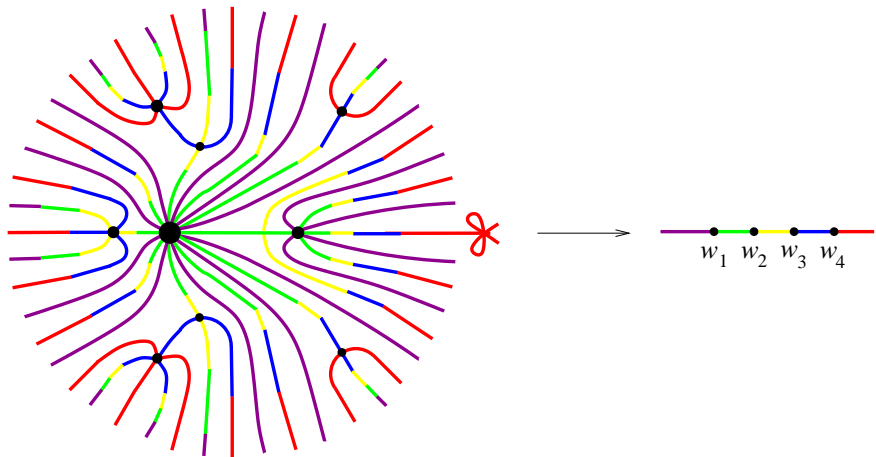
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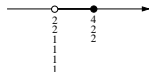
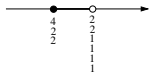
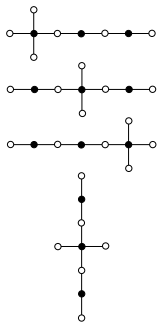
$P$  →



# The preimage of $\mathbb{R}$

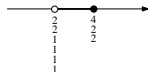
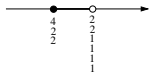
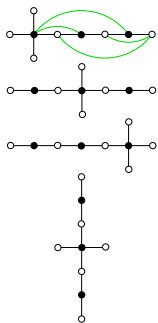


# Black and white trees

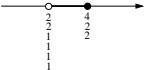
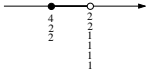
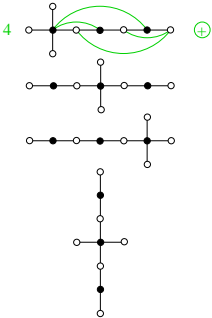




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