Several topics in complex variables
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Propositions

1. A finite \( F \)-plurisubharmonic function \( u \) on a plurifine domain \( U \) satisfies \( (dd^cu)^n = 0 \) if and only if \( u \) is \( F \)-locally \( F \)-maximal outside some pluripolar set.
   See: This thesis, page 46.

2. Let \((f_n)\) be a sequence of automorphisms of \( \mathbb{C}^2 \) such that
   \[
   C||z|| \leq ||f_n(z)|| \leq D||z||
   \]
   for all \( z \in \mathbb{B}(0, 1) \) and all \( n \in \mathbb{N} \), where \( 0 < C < D < 1 \). If \( D^{11/5} < C \) the attracting basin \( \Omega(f_n) \) will be biholomorphic to \( \mathbb{C}^2 \).
   See: This thesis, page 50.

3. If the aforementioned functions \( f_n \) have diagonal linear parts, the conclusion that \( \Omega(f_n) \cong \mathbb{C}^2 \) is also valid when \( D^3 < C \).
   See: This thesis, page 50.

4. Let \( F: (z, w) \mapsto (f(z, w), g(w)) \) be a polynomial skew product and assume that \( 0 = g(0) \) is an attracting fixed point with corresponding basin \( B_g \). Further assume that the polynomial \( p(z) = f(z, 0) \) is subhyperbolic. Then \( F \) has no wandering Fatou components contained in \( B_g \).
5. There exists a uniform constant $C > 0$ such that the following holds: Let $f : \mathbb{D} \to \mathbb{D}$ be a proper holomorphic map of degree $d$, and let $R \subseteq \mathbb{D}$ have Poincaré area $A$. If $d \cdot A^{1/2d} < 1/8$, then the Poincaré area of $f^{-1}(R)$ will be at most $C d^{3} A^{1/d}$.

See: This thesis, page 112.

6. “It is obvious that” is too often a euphemism for “I can’t be bothered to explain that”.

7. A short binary question on a social issue is rarely well-defined.

See for example the Dutch voting guide Stemwijzer or an election debate.

8. In a discussion on bicycle helmet laws, both pedestrian helmets and motorist helmets should be taken into account.

9. My cat Lotje and her fur are a living proof of the Banach-Tarski paradox.