BRITISH EMBASSY
BELGRADE

So $y \sim N(0,$

So $\int_T \det($

$$\mu(T)\det(K^{1/2})\det(A)^{1/2}\, p(0) \times \mathbb{E}\left[\,|\det \nabla^2 f(t)|\ \mathbb{I}[\nabla^2 f(t) \in D]\right]$$

$$= \mathbb{I}[K^{1/2}A^{1/2}y \in D]$$

$$\det \nabla^2 f(t) = \det(K^{1/2})\det(A^{1/2})\det(y)$$

$$= \mathbb{I}[y \in D]$$

(and take $A = I$)

$$= \mu(T)\det(K)\det(A)\ \mathbb{E}\left[\,|\det \nabla^2 y|\ \mathbb{I}[\nabla^2 y \in D]\right]$$

versus $\mu(T)\det(K)\det(A)\ \mathbb{E}[\,|\det \nabla^2 y|\,]$

for # of critical points.

$A = I$ and divide show that the ratio is independent of K!