

ERRATUM TO "THE MINAKSHISUNDARAM-PLEIJEJ  
COEFFICIENTS FOR THE VECTOR VALUED HEAT KERNEL  
ON COMPACT LOCALLY SYMMETRIC SPACES  
OF NEGATIVE CURVATURE"

BY

ROBERTO J. MIATELLO

The statement of Theorem 5.1 of [1] should read:

"Let  $\varepsilon(s) = \text{tr } \pi_{\Gamma}(\tilde{h}_{t,s}) - \text{vol}(\Gamma \backslash G) \cdot \tilde{h}_{t,s}(e)$ . Then if  $k \in \mathbf{N}$ , there exists  $d_k > 0$  such that  $\lim_{s \rightarrow 0^+} \varepsilon^{(k)}(s) \cdot e^{d_k/s} = 0$ . In particular,  $\varepsilon(s)$  can be extended to a  $C^{\infty}$ -function in  $\mathbf{R}$  by setting  $\varepsilon(s) = 0$  if  $s \leq 0$ ."

The proof for  $k > 0$  is essentially the same as the one given in [1] for  $k = 0$ .

REFERENCES

1. R. Miatello, *The Minakshisundaram-Pleijel coefficients for the vector valued heat kernel on compact locally symmetric spaces of negative curvature*, Trans. Amer. Math. Soc. **260** (1980), 1-33.

DEPARTAMENTO DE MATEMÁTICA, UNIVERSIDADE FEDERAL DE PERNAMBUCO, 50.000 RECIFE, PERNAMBUCO, BRAZIL

*Current address:* School of Mathematics, Institute for Advanced Study, Princeton, New Jersey 08540