1. **RELATIVE SPECTRAL PROCESSING (RASTA):**

RASTA method is inspired by humans as they perceive speech like sounds depending on the spectral difference between the current sound and the preceding sound and this technique is used commonly in a combination with other sound techniques just like RASTA-PLP, RASTA-MFCC etc.

There are two flavors of RASTA depends on the choice of compressing / expanding static nonlinear function

1. Logarithmic
2. Lin-Log

When you are in such an environment where environmental effect are quite different from the temporal properties it can be useful to produce robustness and enhancement [1].

[1] H. Hermansky and N. Morgan, "RASTA processing of speech," in IEEE Transactions on Speech and Audio Processing, vol. 2, no. 4, pp. 578-589, Oct. 1994.