

Weighted variable modulation spaces

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We develop a theory for modulation spaces with variable exponents by introducing an auxiliary parameter $a > 0$. Then we obtain Gabor decompositions for the spaces.

This is joint work with Professor Yoshihiro Sawano [1].

References

- [1] Takahiro Noi and Yoshihiro Sawano *Weighted variable modulation spaces*. *Scientiae Mathematicae Japonicae* (2015) whole number 28, 2015-4, 13 pages