

# PERIODIC SOLUTIONS OF NEUTRAL FUNCTIONAL DIFFERENTIAL EQUATIONS

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This work concerns the study of periodic solutions for a class of neutral functional differential equations (NFDEs) of type:

$$\frac{d}{dt}(x(t) - A(t, x_t)) = f(t, x_t),$$

where  $A, f : \mathbb{R} \times G_T^-(\mathbb{R}, \mathbb{R}^n) \rightarrow \mathbb{R}^n$  are  $T$ -periodic functions with respect to the first variable and  $G_T^-(\mathbb{R}, \mathbb{R}^n)$  denotes the space of all regulated  $T$ -periodic functions  $f : \mathbb{R} \rightarrow \mathbb{R}^n$  which are continuous from the left.

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## REFERENCES

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