Graphs with tranches

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If we take a circle, remove insert a interval in place of one point and add a sin(1/x) curve to guarantee connectedness, we get the *Warsaw circle*, non locally-connected continuum with deep connection to the circle. We call the inserted interval *tranche* of the continuum, Two classes that generalize the process of inserting tranches into topological graphs are *quasi-graphs* and *sin(1/x)-type continua*. In the talk we will present properties of *tranched graphs*, which encompasses both of them. We will present restrictions on topological structure of tranched graphs and present representative examples.

References

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