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**january 14 1901 october 26 1983 born alfred teitelbaum was a polish american logician and mathematician of polish jewish descent educated in poland at the university of warsaw and a member of the lwów warsaw school of logic and the warsaw school of mathematics he immigrated to the united states in 1939 where he became a naturalized citizen in'**

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number of pieces and reassembled to form the other set by moving the pieces with rigid motions"**the banach tarski paradox ebook 1985 worldcat**

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*twice as large*"are there physical applications  
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known as paradox is a mathematical statement  
which says that a sphere can be splitted into  
two or an integer  $n$  spheres each equal to the  
original one'

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theorem in set theoretic geometry which states  
the following given a solid ball in 3 dimensional

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space there exists a deposition of the ball into a finite number of disjoint subsets which can then be put back together in a different way to yield two identical copies of the original ball indeed the reassembly process involves only moving the pieces around and rotating them without changing their shape"

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*left image the congruence is evident"***fixed point**  
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**point of the mapping where is the identity  
mapping depending on the structure on or the  
properties of there arise various fixed  
point"axiom of choice encyclopedia of  
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extensively employed in classical mathematics  
thus it is used in the following theorems 1 each**

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for all the group contains the non amenable as  
a subgroup it has been proved that the banach**

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described himself as a mathematician as well  
as a logician and perhaps a philosopher of a  
sort 1944 p 369 he is widely considered as one**

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**of the greatest logicians of the twentieth century often regarded as second only to gödel and thus as one of the greatest logicians of all time"the banach tarski paradox by grzegorz tomkowicz**

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polish mathematician who is generally  
considered one of the world s most important  
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**he was the founder of modern functional analysis and an original member of the lwów school of mathematics his major work was the 1932 book *théorie des opérations linéaires*'**  
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