



The Pattern Science Index

The Pattern Science Index provides a list of terms found in documents hosted on *thepatternscience.com* website. It highlights the main concepts, themes, and terminology of the Pattern Science.

The documents included on *thepatternscience.com* website are:

- The Pattern Science Presentation
- Folder 30 The Pattern Science
- Folder 20 The Pattern Number System
- The Pattern Number System Interpretation
- Folder 18 The Pattern Cube
- The Pattern Science Index

The terms in the Index are listed in alphabetical order, with references to their locations formatted as follows.

Slides from *The Pattern Science Presentation* are referenced by slide number.

Pages from *Folder 30 The Pattern Science* are referenced as P30:(page number).

Pages from *Folder 20 The Pattern Number System* are identified as P20:(page number).

Terms from *The Pattern Number System Interpretation* are referenced by [Heading].

Pages from *Folder 18 The Pattern Cube* are referenced as P18:(page number).

Additional Pattern documents – those not included in the list above - are available on *thepatternbook.com* website. References to folders on this website use the italicised folder and page numbers (e.g. *P04:12* refers to page 12 of Folder 4). References to other documents use the italicised document title.

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Pair of quantities: time,energy

Conserved quantity: energy

The Atom Cube P18:11 (P04:1-12)

Pair of quantities: antimatter,matter

Conserved quantity: mass

The Spacetime Cube P18:12

Pair of quantities: imaginary-time,space

Conserved quantity: spacetime

The Gravity Cube P18:13

Pair of quantities: antigravity, gravity

Conserved quantity: constant accelerations

The Energy Cube P18:14

Pair of quantities: potential,kinetic (energy)

Conserved quantity: intrinsic energymass

The Code Cube P18:15 (P06:1-12)

Pair of quantities: future,past

Conserved quantity: information (Pattern sum)

The Anti-Cube P18:16

Pair of quantities: \bar{b}, b (Pattern modified variables)

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Planned Uni-cubes

The Charge Cube, Folder 22

Pair of quantities: negative,positive motion

Conserved quantity: intrinsic motion (charge)

The Wave Cube, Folder 24

Pair of quantities: potential,actual radiation

Conserved quantity: intrinsic radiation (wave)

The Standard Cube, Folder 26 (P04:1-12)

Pair of quantities: antiparticle,particle

Conserved quantity: matter-energy

The Living Cell Cube, Folder 28 (P05:1-12)

Pair of quantities: inner,outer

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List of the Pattern Documentation

Available on *thepatternbook.com* website

The Pattern Books

The Pattern of All Things – The Science

Peter in the Patternland – The Story

Peter in the Pattern City – The Sequel

The Creation's Pattern

The (Printable) Pattern Book

The Pattern Folders

Folder 1 The Pattern Basics

Folder 2 The Pattern Energy

Folder 3 The Pattern Numbers

Folder 4 The Geometric Standard Model

Folder 5 The Pattern Cell

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Folder 6 The Cosmos Code

Folder 10 The Pattern Cluster (planned)

Folder 14 The Pattern Code (planned)

Folder 16 The Pattern Pictobricks

Folder 18 The Pattern Cube

Folder 20 The Pattern Number System

Folder 22 The Charge Cube (planned)

Folder 24 The Wave Cube (planned)

Folder 26 The Standard Cube (planned)

Folder 28 The Living Cell Cube (planned)

Folder 30 The Pattern Science

Folder A The Pattern Notation (planned)

Folder B The Pattern Hierarchy (planned)

Folder C The Pattern Index (planned)

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Map 2 The Standard Model Map

Map 3 The Unified Physics Map

Map 4 The Creation Map

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Unpublished Documents

Folder 11 The Story of SP Viljoen

Folder 12 The Story of the Pattern

Discussion Paper 1 Duonity

Discussion Paper 2 Patternism

About the author:

SP Viljoen was born on 12 September 1950 in the town of Middelburg, in the former Transvaal Province of South Africa.

He completed high school in Pretoria in 1968 and earned his degree in electronics engineering from the University of Stellenbosch in 1973. He obtained his PhD from the University of Pretoria in 1988.

He worked for three corporations in the telecommunications sector, but since 2004 he has had the privilege of studying the Pattern full-time.