

# THE HISTORY OF ARCHITECTURE

FROM PREHISTORIC TO MODERN TIMES



**The twentieth Album:  
THE WORLD'S ARCHITECTURE  
OF THE 1910's**



**Albums of characteristic examples for the Educational course**

**by Dr. Konstantin I.Samoilov**

Almaty, 2017

**This series of albums generated for information purposes of the Educational course "The General History of Architecture": 2 credits / 30 hours of lectures.**

Until the 1910's, examples are grouped by region. In this period, the phenomenon of a single world architectural process begins to manifest itself. Since the 1910's, examples have been grouped by decades.

**Thirty albums illustrate the following topics:**

- the 1<sup>st</sup> Album: EDUCATIONAL AND SCIENTIFIC-THEORETICAL SOURCES
- the 2<sup>nd</sup> Album: THE PREHISTORIC ERA'S ARCHITECTURE
- the 3<sup>rd</sup> Album: THE ANCIENT EGYPTIAN ARCHITECTURE
- the 4<sup>th</sup> Album: THE ANCIENT MESOPOTAMIAN ARCHITECTURE
- the 5<sup>th</sup> Album: THE ANCIENT GREEK ARCHITECTURE
- the 6<sup>th</sup> Album: THE ANCIENT ROMAN ARCHITECTURE
- the 7<sup>th</sup> Album: THE MEDIEVAL EUROPEAN ARCHITECTURE
- the 8<sup>th</sup> Album: THE EUROPEAN RENAISSANCE'S ARCHITECTURE
- the 9<sup>th</sup> Album: THE MEDIEVAL MAGHREB'S, THE NEAR EASTERN AND THE CAUCASUS'S ARCHITECTURE
- the 10<sup>th</sup> Album: THE MEDIEVAL CENTRAL ASIAN ARCHITECTURE
- the 11<sup>th</sup> Album: THE ANCIENT AND MEDIEVAL CHINESE ARCHITECTURE
- the 12<sup>th</sup> Album: THE MEDIEVAL SOUTHEASTERN AND EASTERN ASIAN ARCHITECTURE
- the 13<sup>th</sup> Album: THE MEDIEVAL CENTRAL AMERICAN ARCHITECTURE
- the 14<sup>th</sup> Album: THE EASTERN EUROPE MIDDLE AGES AND NEW TIMES ARCHITECTURE
- the 15<sup>th</sup> Album: THE WESTERN EUROPEAN AND THE NORTH AMERICAN NEW TIMES ARCHITECTURE

- the 16<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1870's
- the 17<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1880's
- the 18<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1890's
- the 19<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1900's
- **the 20<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1910's**
- the 21<sup>st</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1920's
- the 22<sup>nd</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1930's
- the 23<sup>rd</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1940's
- the 24<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1950's
- the 25<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1960's
- the 26<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1970's
- the 27<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1980's
- the 28<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 1990's
- the 29<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 2000's
- the 30<sup>th</sup> Album: THE WORLD'S ARCHITECTURE OF THE 2010's

Examples are distributed in chronological order of the construct completion.

**Images sources are indicated directly near with illustrations on each page.**

Architects and companies listed on the basis of aggregate data from different sources (for some objects from various sources indicate different authors). About some buildings listed authors in the available sources has not yet been found.

The Author expresses his gratitude to Internet resources – <https://www.google.com> ; <https://www.wikipedia.org> – which to provide the ability to collect an information.

*The 20<sup>th</sup> Album's front cover:*

**The Museum of Fine Arts named after Emperor Alexander III / the State Museum of Fine Arts named after A.S.Pushkin, Moscow, Russia, 1912 (Arch. Roman I.Klein, Vladimir G.Shukhov) - <https://img.localway.ru/fullsize/416670.jpg>**

**The Copenhagen Central Station / Københavns Hovedbanegård, Copenhagen, Denmark, 1911, (Arch. Heinrich Emil Charles Wenck) - <http://static.panoramio.com/photos/original/35664540.jpg>**

**The Glass Pavilion / Deutscher Werkbund Exhibition, Cologne, Germany, 1914 (Arch. Bruno Taut) - [http://66.media.tumblr.com/a18e9b3b98d047c2d2ff532a28962cf3/tumblr\\_np30arEwUo1uv5nh7o1\\_1280.jpg](http://66.media.tumblr.com/a18e9b3b98d047c2d2ff532a28962cf3/tumblr_np30arEwUo1uv5nh7o1_1280.jpg)**

**The Goetheanum, Dornach, Switzerland, 1919 (Arch. Rudolf Joseph Lonz Steiner) - [http://img-fotki.yandex.ru/get/5407/synthart.48/0\\_4512a\\_b8827b13\\_XL](http://img-fotki.yandex.ru/get/5407/synthart.48/0_4512a_b8827b13_XL)**

**Purpose of the 20<sup>th</sup> Lecture:**

To study the basic features of the World architecture in 1910's.

**Tasks of the 20<sup>th</sup> Lecture:**

- To consider characteristic examples of specifically organized spaces and buildings;
- To accentuate the features of construction depending on the availability of building materials;
- To emphasize the difference between cult and dwelling buildings.

**Tasks for the self-research work:**

1. Study the change in the nomenclature of buildings and structures during the evolution of the 1910's Architecture.
2. Analyze geometric parameters of main types of structures and buildings.

**Questions for the self-preparation:**

1. Accentuate the features of the USA's 1910's architecture
2. Accentuate the features of the European 1910's architecture

**Themes of abstracts (16 pages, 40 000 characters, A4 format):**

1. The evolution of the German 1910's Architecture
2. The evolution of the French 1910's Architecture
3. The evolution of the Russian 1910's Architecture

**Examples for the 20<sup>th</sup> Lecture:**

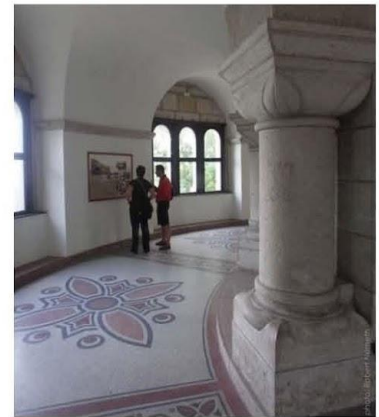
- 20.1 The Central Sofia Market Hall / Централни софийски хали, Sofia, Bulgaria, 1911 (Arch. Naum Torbov)
- 20.2 The Elizabeth Lookout / Erzsébet-kilátó, Budapest, Hungary, 1911 (Arch. Frigyes Schulek)
- 20.3 The Copenhagen Central Station / Københavns Hovedbanegård, Copenhagen, Denmark, 1911, (Arch. Heinrich Emil Charles Wenck)
- 20.4 The Museum of Fine Arts named after Emperor Alexander III / the State Museum of Fine Arts named after A.S.Pushkin, Moscow, Russia, 1912 (Arch. Roman I.Klein, Vladimir G.Shukhov)
- 20.5 The Woolworth Building, New York City, USA, 1913 (Arch. Cass Gilbert)
- 20.6 The Glass Pavilion / Deutscher Werkbund Exhibition, Cologne, Germany, 1914 (Arch. Bruno Taut)
- 20.7 The Equitable Building, New York City, USA, 1915 (Arch. Ernest Robert Graham)
- 20.8 The Hotel Gellért, Budapest, Hungary, 1918 (Arch. Armin Hegedűs, Arthur Sebestyén and Isidor Sterk)
- 20.9 The Sacré-Coeur Basilica, Paris, France, 1919 (Arch. Paul Abadie)
- 20.10 The Goetheanum, Dornach, Switzerland, 1919 (Arch. Rudolf Joseph Lonz Steiner)

## 20.1 The Central Sofia Market Hall / Централни софийски хали, Sofia, Bulgaria, 1911 (Arch. NaumTorbov)



Source: <http://citysightseeing.bg/wp-content/uploads/4-259.jpg> ; <https://upload.wikimedia.org/wikipedia/commons/thumb/3/36/CentralMarketHallSofia2.jpg/1024px-CentralMarketHallSofia2.jpg> ; <http://mw2.google.com/mw-panoramio/photos/medium/33264975.jpg> ; <https://upload.wikimedia.org/wikipedia/en/thumb/0/05/NaumTorbov.jpg/120px-NaumTorbov.jpg>

## 20.2 The Elizabeth Lookout / Erzsébet-kilátó, Budapest, Hungary, 1911 (Arch. Frigyes Schulek)



Source: <https://upload.wikimedia.org/wikipedia/commons/thumb/7/73/Janoshegy.jpg/800px-Janoshegy.jpg> ;  
<http://st4.panadea.com/images/travel-guide-guidebook/en-budapest-hungary-panadea-gb-sd-3054643-4370.jpg> ; [http://turul.info/upload/jeles\\_napok/schulek.jpg](http://turul.info/upload/jeles_napok/schulek.jpg)



**20.3 The Copenhagen Central Station / Københavns Hovedbanegård, Copenhagen, Denmark, 1911, (Arch. Heinrich Emil Charles Wenck)**



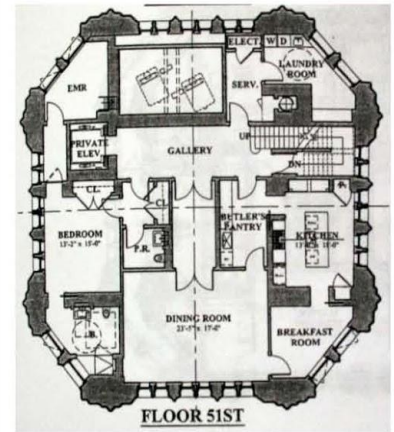
Source: <http://static.panoramio.com/photos/original/35664540.jpg> ;  
<https://upload.wikimedia.org/wikipedia/commons/thumb/e/ea/Heinrich-Wenck.jpg/266px-Heinrich-Wenck.jpg>

**20.4 The Museum of Fine Arts named after Emperor Alexander III / the State Museum of Fine Arts named after A.S.Pushkin, Moscow, Russia, 1912  
(Arch. Roman I.Klein, Vladimir G.Shukhov)**



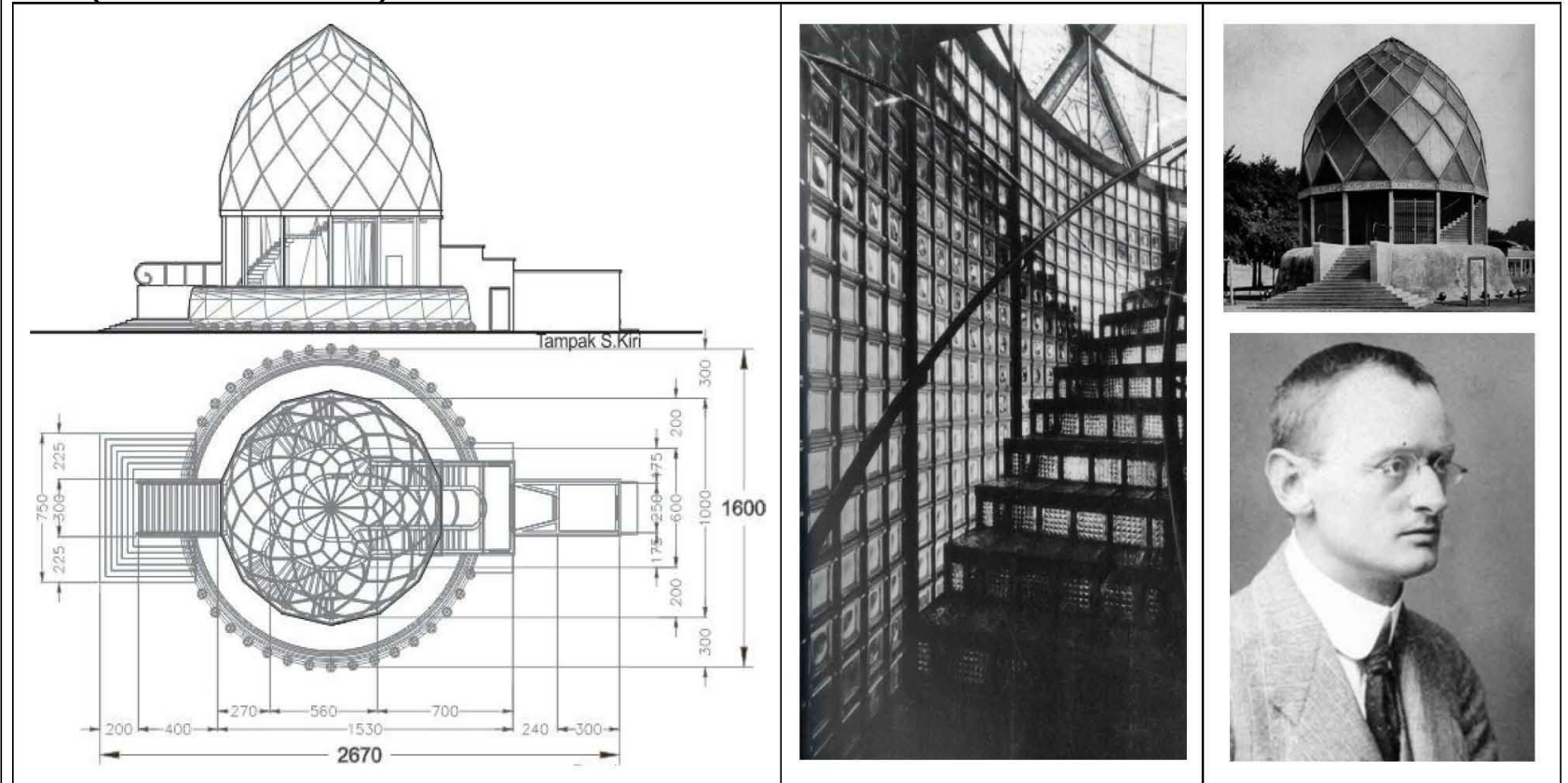
Source: <https://img.localway.ru/fullsize/416670.jpg>; <http://mskwalks.narod.ru/pvsh.myz.jpg> ;  
<http://www.travel2moscow.com/upload/56905/%D0%93%D0%9C%D0%98%D0%98%20%D0%B8%D0%BC.%20%D0%9F%D1%83%D1%88%D0%BA%D0%B8%D0%BD%D0%B0%20%D0%93%D0%9B%D0%90%D0%92%D0%9D.jpeg> ; [http://www.mmsk.ru/objectdata/CatalogUnit/imp/41199/Klejn-01\\_Md.jpg](http://www.mmsk.ru/objectdata/CatalogUnit/imp/41199/Klejn-01_Md.jpg) ;  
[https://upload.wikimedia.org/wikipedia/commons/thumb/0/01/Vladimir\\_Grigorjevich\\_Shukhov\\_1891.jpg/800px-Vladimir\\_Grigorjevich\\_Shukhov\\_1891.jpg](https://upload.wikimedia.org/wikipedia/commons/thumb/0/01/Vladimir_Grigorjevich_Shukhov_1891.jpg/800px-Vladimir_Grigorjevich_Shukhov_1891.jpg)

## 20.5 The Woolworth Building, New York City, USA, 1913 (Arch. Cass Gilbert)



Source: <http://4.bp.blogspot.com/-5cpxYRRSoY4/UPLek82QomI/AAAAAAAAODA/8c9QBxmJYqQ/s900/Woolworth.jpg>; [https://cdn3.vox-cdn.com/uploads/chorus\\_asset/file/4820683/woolworth-51st-floor\\_0.jpg](https://cdn3.vox-cdn.com/uploads/chorus_asset/file/4820683/woolworth-51st-floor_0.jpg) [http://www.bobestremaphotography.com/wp-content/uploads/galleries/post-1039/20140508-IMG\\_7270\\_Edit-Edit-Edit.jpg](http://www.bobestremaphotography.com/wp-content/uploads/galleries/post-1039/20140508-IMG_7270_Edit-Edit-Edit.jpg); <http://www.cassgilbertsociety.org/images/CassGilbert-1926-president.jpg>

## 20.6 The Glass Pavilion / Deutscher Werkbund Exhibition, Cologne, Germany, 1914 (Arch. Bruno Taut)



Source: [http://www.glassproject.com/wp-content/uploads/2014/02/Taut\\_Glass\\_Pavilion\\_exterior\\_1914.jpg](http://www.glassproject.com/wp-content/uploads/2014/02/Taut_Glass_Pavilion_exterior_1914.jpg) ;  
[http://66.media.tumblr.com/45e6ec3445409732ad1fc5e03df8abcc/tumblr\\_np315r2KRP1uv5nh7o1\\_1280.jpg](http://66.media.tumblr.com/45e6ec3445409732ad1fc5e03df8abcc/tumblr_np315r2KRP1uv5nh7o1_1280.jpg) ;  
[http://66.media.tumblr.com/a18e9b3b98d047c2d2ff532a28962cf3/tumblr\\_np30arEwUo1uv5nh7o1\\_1280.jpg](http://66.media.tumblr.com/a18e9b3b98d047c2d2ff532a28962cf3/tumblr_np30arEwUo1uv5nh7o1_1280.jpg) ;  
<http://s3.transloadit.com.s3.amazonaws.com/4b30ae61b7c84e42b6be045272ec3211/e7/a5de00431ad72b4c2ef34f2edc6da4/bruno-taut-600pxls.jpg>

## 20.7 The Equitable Building, New York City, USA, 1915 (Arch. Ernest Robert Graham)



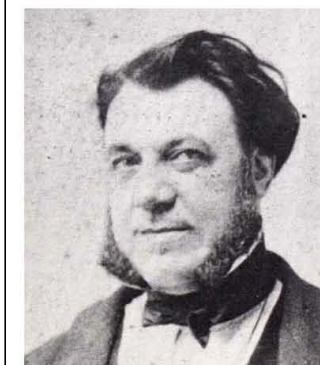
Source: <http://1.bp.blogspot.com/-wFLKbZRBMIk/UUqsiPqlu6I/AAAAAAAAARxE/pVJiOwGiW4/s1600/DSCF6477+-+Copy.JPG> ; <http://nyc-architecture.com/LM/059A.jpg> ; [https://c2.staticflickr.com/6/5550/12109751693\\_5cb7ed7513\\_b.jpg](https://c2.staticflickr.com/6/5550/12109751693_5cb7ed7513_b.jpg) ; [https://upload.wikimedia.org/wikipedia/commons/thumb/2/2c/Ernest\\_R\\_Graham-Men\\_of\\_Illinois-1902.png/220px-Ernest\\_R\\_Graham-Men\\_of\\_Illinois-1902.png](https://upload.wikimedia.org/wikipedia/commons/thumb/2/2c/Ernest_R_Graham-Men_of_Illinois-1902.png/220px-Ernest_R_Graham-Men_of_Illinois-1902.png)

## 20.8 The Hotel Gellért, Budapest, Hungary, 1918 (Arch. Armin Hegedűs, Arthur Sebestyén and Isidor Sterk)



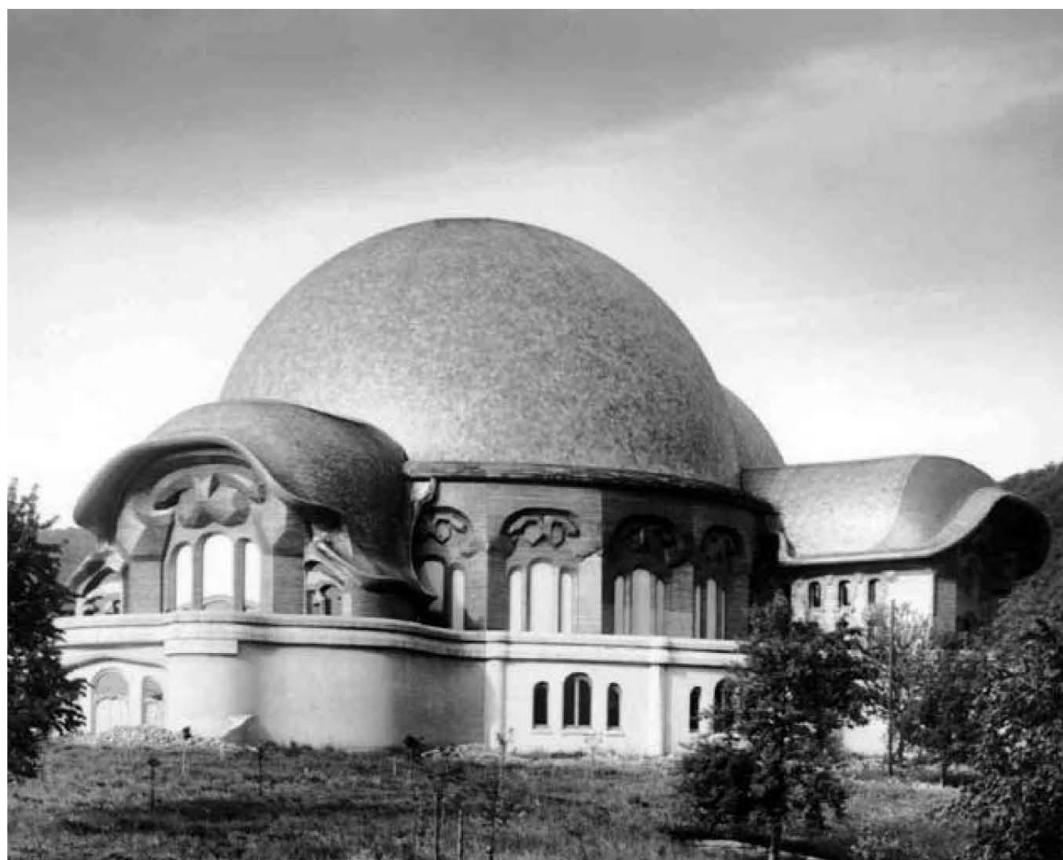
Source: <https://edge.media.datahc.com/HI320188345.jpg> ; <https://mesplaisirs.files.wordpress.com/2009/04/gellert-szalloda-es-thermal-furdo-gellert-baths.jpg> ;  
<https://apetcher.files.wordpress.com/2014/11/001.jpg>

## 20.9 The Sacré-Coeur Basilica, Paris, France, 1919 (Arch. Paul Abadie)



Source: <http://www.cookiesound.com/wp-content/uploads/2013/05/sacre-coeur-paris-france.jpg> ; [http://media.istockphoto.com/photos/basilica-sacrecoeur-picture-id178773333?k=6&m=178773333&s=170667a&w=0&h=1oRa\\_3jLQro30nn0AVwMN6YiN3GKLDXy\\_ZJ5UW6vEE=](http://media.istockphoto.com/photos/basilica-sacrecoeur-picture-id178773333?k=6&m=178773333&s=170667a&w=0&h=1oRa_3jLQro30nn0AVwMN6YiN3GKLDXy_ZJ5UW6vEE=) ; [http://www.parisdigest.com/photos/sacre\\_coeur\\_view\\_paris.jpg](http://www.parisdigest.com/photos/sacre_coeur_view_paris.jpg) ; <http://designyoutrust.com/wp-content/uploads/2012/11/paul-abadie.jpg>

**20.10 The Goetheanum, Dornach, Switzerland, 1919**  
**(Arch. Rudolf Joseph Lonz Steiner)**



Source: <http://4.bp.blogspot.com/-FJX6KWDVi44/VW2KIXM3psi/AAAAAAAAATbU/AnKOLkOdZ0U/s1600/1goetheanum.jpg> ; [http://img-fotki.yandex.ru/get/5407/synthart.48/0\\_4512a\\_b8827b13\\_XL](http://img-fotki.yandex.ru/get/5407/synthart.48/0_4512a_b8827b13_XL) ;  
<http://www.rudolfsteinaudio.com/mainsteiner.gif>



**Recommended educational and scientific-theoretical sources:**

1. *The General History of Architecture. In 2 volumes. = Всеобщая история архитектуры. В 2 томах. Гл. ред. Б.П.Михайлов. Том II. - Москва: Гос. Изд. лит. по стр., арх. и стр. мат., 1963. - 724 с.*
2. *The General History of Architecture. In 12 volumes. Volume 10: Architecture of the XIX - early XX centuries. = Всеобщая история архитектуры. В 12 томах. Том 10: Архитектура XIX - начала XX вв. / Под редакцией С. О. Хан-Магомедова (ответственный редактор), П.Н.Максимова, Ю. Ю. Савицкого. - 1972. - 592 с.*
3. *Hotel Gellért / From Wikipedia, the free encyclopedia. - [https://en.wikipedia.org/wiki/Hotel\\_Gell%C3%A9rt](https://en.wikipedia.org/wiki/Hotel_Gell%C3%A9rt)*
4. *Copenhagen Central Station / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Copenhagen\\_Central\\_Station](https://en.wikipedia.org/wiki/Copenhagen_Central_Station)*
5. *Heinrich Wenck / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Heinrich\\_Wenck](https://en.wikipedia.org/wiki/Heinrich_Wenck)*
6. *Central Sofia Market Hall / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Central\\_Sofia\\_Market\\_Hall](https://en.wikipedia.org/wiki/Central_Sofia_Market_Hall)*
7. *Naum Torbov / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Naum\\_Torbov](https://en.wikipedia.org/wiki/Naum_Torbov)*
8. *Elizabeth Lookout, Budapest / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Elizabeth\\_Lookout,\\_Budapest](https://en.wikipedia.org/wiki/Elizabeth_Lookout,_Budapest)*
9. *Frigyes Schulek / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Frigyes\\_Schulek](https://en.wikipedia.org/wiki/Frigyes_Schulek)*
10. *Pushkin Museum / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Pushkin\\_Museum](https://en.wikipedia.org/wiki/Pushkin_Museum)*
11. *Клейн, Роман Иванович / Материал из Википедии — свободной энциклопедии. - [https://ru.wikipedia.org/wiki/%D0%9A%D0%BB%D0%B5%D0%B9%D0%BD\\_%D0%A0%D0%BE%D0%BC%D0%B0%D0%BD\\_%D0%98%D0%B2%D0%B0%D0%BD%D0%BE%D0%B2%D0%B8%D1%87](https://ru.wikipedia.org/wiki/%D0%9A%D0%BB%D0%B5%D0%B9%D0%BD_%D0%A0%D0%BE%D0%BC%D0%B0%D0%BD_%D0%98%D0%B2%D0%B0%D0%BD%D0%BE%D0%B2%D0%B8%D1%87)*
12. *Roman Klein / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Roman\\_Klein](https://en.wikipedia.org/wiki/Roman_Klein)*
13. *Vladimir Shukhov / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Vladimir\\_Shukhov](https://en.wikipedia.org/wiki/Vladimir_Shukhov)*
14. *Cass Gilbert / From Wikipedia, the free encyclopedia. - [https://en.wikipedia.org/wiki/Cass\\_Gilbert](https://en.wikipedia.org/wiki/Cass_Gilbert)*
15. *Woolworth Building / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Woolworth\\_Building](https://en.wikipedia.org/wiki/Woolworth_Building)*
16. *Equitable Building (Manhattan) / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Equitable\\_Building\\_\(Manhattan\)](https://en.wikipedia.org/wiki/Equitable_Building_(Manhattan))*
17. *Ernest R. Graham (architect) / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Ernest\\_R.\\_Graham\\_\(architect\)](https://en.wikipedia.org/wiki/Ernest_R._Graham_(architect))*
18. *Glass Pavilion / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Glass\\_Pavilion](https://en.wikipedia.org/wiki/Glass_Pavilion)*
19. *Bruno Taut / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Bruno\\_Taut](https://en.wikipedia.org/wiki/Bruno_Taut)*
20. *Sacré-Cœur, Paris / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Sacré-Cœur,\\_Paris](https://en.wikipedia.org/wiki/Sacré-Cœur,_Paris)*
21. *Paul Abadie / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Paul\\_Abadie](https://en.wikipedia.org/wiki/Paul_Abadie)*
22. *Goetheanum / From Wikipedia, the free encyclopedia. - <https://en.wikipedia.org/wiki/Goetheanum>*
23. *Rudolf Steiner / From Wikipedia, the free encyclopedia. - URL: [https://en.wikipedia.org/wiki/Rudolf\\_Steiner](https://en.wikipedia.org/wiki/Rudolf_Steiner)*

## Briefly about the Author



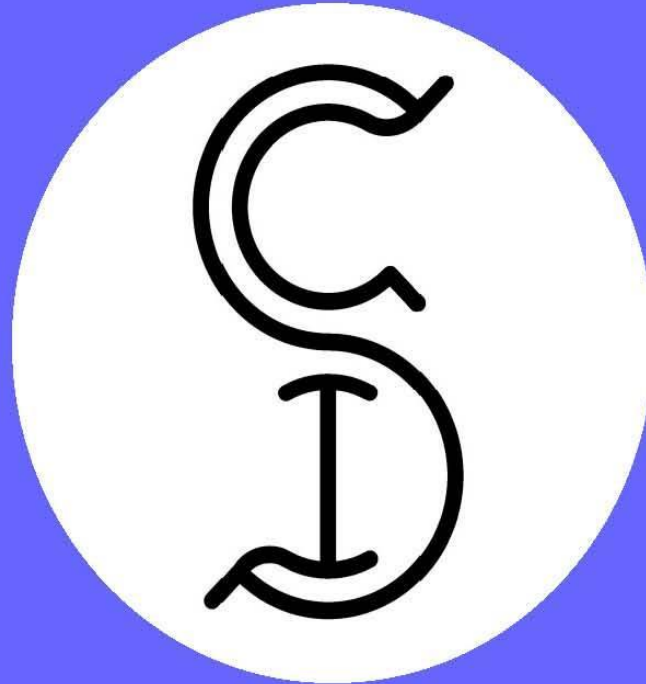
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High Doctorate (Arch) – 2008,  
Doctor of Sciences (Arch) – 2004,  
Candidate of Sciences / eq. PhD(Arch) – 1990,  
Dipl.Arch. / eq. MArch – 1983,  
Dipl.Tech.Arch. / eq. BArch – 1977



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Kazakh Leading Academy of Architecture and Civil Engineering –  
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Albums of characteristic examples for the Educational course / by Dr. Konstantin I.Samoilov. –  
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