

❖ Personal information:

Name: Dr. Taysir Mohammed Kourkmaz
Date of Birth: 19/03/1962
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❖ Academic qualification:

PH.D in Physical and Mathematical Sciences with a general specialization in "Semiconductors and Electrical Insulators" and a specific specialization in " Solar Cells
1993 – Odessa - USSR

Job title or academic assignment (from most recent to oldest)			
Doctor, original teacher	University of Homs	1995	To date
Trainee Doctor	University of Homs	1993	1995

❖ PhD Thesis Title:

Manufacturing of solar cells based on $Cu_2S - CdS$

❖ Practical and teaching experiences:

Yarmouk Private University - Syria			
Curriculum	Faculty	Department	Academic year
General Physics	Civil Engineering	Civil Engineering	2023-2022
General Physics	Civil Engineering	Civil Engineering	2024-2023
General Physics	Civil Engineering	Civil Engineering	2025-2024

Al-Jazeera Private University - Syria			
Curriculum	Faculty	Department	Academic year
General Physics	Engineering	Civil Engineering + Information Technology	2020-2019
General Physics	Engineering	Information Engineering + Civil Engineering	2021-2020
General Physics	Engineering	Architecture + Civil Engineering	2022-2021

University of Lattakia - Syria			
Curriculum	Faculty	Department	Academic year
General Physics - Theoretical + Practical	Electromechanical	Production and design	2019-2018
General Physics - Theoretical + Practical	Electromechanical	Medical Engineering	2020-2019
General Physics - Theoretical + Practical	Electromechanical	Marine Engineering	2021-2020
General Physics - Theoretical + Practical	Electromechanical	Communications Engineering	2022-2021
General Physics - Theoretical + Practical	Electromechanical	Mechanical power engineering	2022-2021
General Physics - Theoretical + Practical	Electromechanical	Production and design	2023-2022
General Physics - Theoretical + Practical	Electromechanical	Production and design	2024-2023

University of Homs - Syria			
Curriculum	Faculty	Department	Academic year
General Physics 1+2	Science	Physics	1996-1994
Vibrations and waves -1	Science	Physics	1997-1994
Physics for Mathematics -1	Science	Mathematics	1997-1994
Semiconductors and Solar Cells - Diploma	Science	Physics	1997-1996
Environmental Pollution and Atmospheric Physics - Diploma	Science	Physics	1997-1996
Engineering light	Science	Physics	2001-2000
vibrations and waves	Science	Physics	2022-2002
Energy Physics	Science	Physics	2022 -200
Semiconductors and their electronic applications - Master	Science	Physics	2022- 2010

University of Damascus - Syria			
Curriculum	Faculty	Department	Academic year
General Physics - Theoretical + Practical	Electromechanical	Basic Sciences	2001-2000
General Physics - Theoretical + Practical	Electromechanical	Basic Sciences	2002-2001

7th of April University - Libya			
Curriculum	Faculty	Department	Academic year
Geometric Optics	Arts and Sciences	Physics	2000-1997
Solids	Arts and Sciences	Physics	2000-1997
Nuclear physics	Arts and Sciences	Physics	2000-1997

- **Member of the Physics Department Council at Homs University for intermittent periods, the last of which was in 2020-2021.**
- **Supervising numerous graduation projects.**
- **Reviewing & evaluating many scientific researches in the field of specialization .**
- **Supervising a master's thesis entitled “ Manufacture of silicon detectors for nuclear particles ”.**

❖ **Training courses undertaken:**

- **Educational course at Homs University 09/17/1994 – 09/22/1994**
- **One week course in the use of scanning electronic microscope – Cairo - Egypt – 2008**

❖ **Scientific publications and Research:**

Published books			
Book Title	Authored/Translated	Place of publication	Publication date
Vibrations and waves	Authored	University of Homs	2005
Energy Physics	Authored	University of Homs	2006
Vibrations and waves - practical	Authored	University of Homs	2007

Practical research		
Research title	Name of journal, place of publication	Publication date (year)
Thin film solar cell battery	Journal of Optoelectronics - Russia	1991
Current flow theory in non-ideal solar cells	Journal of Optoelectronics - Russia	1991
Unreliability of cadmium sulfur based solar cells	Journal of Optoelectronics - Russia	1992

I acknowledge that the information mentioned in this CV are correct, and that the documents and papers to support this can be submitted when requested by the relevant authority.