

Attached are plagiarism checks from a number of websites:

1. Paperpal
2. QuillBot
3. Grammarly
4. PapersOwl



Celebrate Black Friday with Paperpal's BIGGEST Sale! Get upto **60% OFF** in India.

Offer auto-applied on checkout.

[Claim Offer](#)

≡ Untitled document

← Plagiarism Check

99+
Edit

Rewrite

Write

Research | Cite

Translate

Templates

Checks

Chat PDF

Upgrade

2

?

☰ 4859 words

◀ Apps ▼ Free uses Get

Stagnation}

X-ray lithography (XRL) was first conceived in 1972 by H.I. Smith and D.L. Spears at MIT \cite{smith1973}, who positioned it as a complementary technique to electron beam lithography \cite{maldonado2016}. XRL operates at wavelengths between 0.4--10~nm (soft X-rays) or 0.1--1~nm (hard X-rays), offering superior resolution and depth of focus compared to the 13.5~nm wavelength used in Extreme Ultraviolet (EUV)

Standard Report

Overview

Uploaded Document: 0451ea73-9...

✓ 0%

No Similarity

Congrats! Your document has no similarities.

Sources of similarity

1	www.overleaf.com INTERNET	1%
2	tr.overleaf.com INTERNET	1%
3	ko.overleaf.com INTERNET	1%

Upload new document

1,488 words left for this month ⓘ

Upgrade



AI Detector

40% off

Upgrade to Premium

Paraphraser

Grammar
Checker

AI Detector

Plagiarism
CheckerAI
Humanizer

AI Chat

AI Image
Generator

More

QuillBot
PremiumQuillBot for
macOS

can measure pattern space estimation of laser image formation using beer-lambert absorption stochastic modeling of resist response involving photon shot noise and line-edge roughness ii part 1 cam fabrication using laser micromachining a purpose of cam prototyping for sitare-1 the sitare-1 cubesat payload under development at iit bombay needs a highly precise coded aperture mask cam made from a 05 mm thick tantalum sheet the cam consists of a 2d array of opaque and transparent cells each 246 mm pitch placed above dual czr detectors to use it for x-ray source localisation the fabrication requires dimensional accuracy of approximately 001 mm minimal burrs low recast and low heat-affected zone haz no warping of the thin ta sheet clean internal corners and consistent kerf across hundreds of pixels because the full cam is large and contains hundreds of cells we first fabricated a small prototype subsection of the cam pattern this allowed us to evaluate achievable feature fidelity on ta using our laser parame- ters material response melt haz taper at micromachining scale suitability of laser micromachining as a fabrication route before committing to the full cam fabricatedcamjpeg fig 1 prototype test-cut region of the 05 mm ta cam for process qualification b laser micromachining of the ta prototype 1 materials and equipment workpiece 2020mm tantalum ta sheet prototype 05 mm thickness

1,200 Words



Analysis complete

Model Version: v5.7.1

Share

Download

0%

of text is likely AI



AI	Human
AI-generated	0%
Human-written & AI-refined	0%
Human-written	100%

Understanding your results

Our AI detector flags text that may be AI-generated. Use your best judgment when reviewing results. Never rely on AI detection alone to make decisions that could impact someone's career or academic standing.

Want your text to sound more authentic?

Refine with Paraphraser →

[Click here to learn how our AI detector uses AI](#)

Excellent



Supporting writers at top institutions



IIT Bombay



Stellenbosch
UNIVERSITY
UNIVERSITEIT



The
British University
in Dubai



Colegio de
Traductores Públicos



CORVINUS
UNIVERSITY
of BUDAPEST



NUS
National University
of Singapore

AI Detector

Add text to QuillBot's AI Detector and get a detailed report on how AI tools may have been used to create the content.

Start Writing With Grammarly

You've signed up for Grammarly. The next step is to get Grammarly up and running on your desktop or web browser, so you can get real-time feedback as you write.

[Download desktop app](#)[Install browser extension](#)[Product](#)[Work](#)[Education](#)[Pricing](#)[Resources](#)[Contact Sales](#)[My Grammarly](#)[Get Gran](#)[Grammar Check](#)[Plagiarism Checker](#)[Paraphrasing Tool](#)[AI Detector](#)[AI Humanizer](#)

Ensure every word is your own with Grammarly's AI-powered plagiarism checker, which uses advanced AI to detect plagiarism in your text and check for other writing issues.

demonstrates sufficient accuracy to proceed to fabrication of the full 05 mm thick tantalum cam 5 conclusion the baseline parameter set provides an effective starting point for precision micromachining of 05 mm thick tantalum cam masks the partial-region prototype con- firms feasibility and provides essential feedback on kerf burr formation and haz control before scaling to the full sitare- 1 cam geometry iii literature review x-ray lithography technology renaissance this section discusses the historical

[Scan for plagiarism](#)[Upload a file](#)

10000/10000



Your text is free of writing issues.

No plagiarism found



Grammar



Spelling



Punctuation



Conciseness



Readability



Word choice



Additional issues

[Get Grammarly Pro](#)

Make the grade with our AI plagiarism checker

Your ideas are unique, and your writing should reflect that. Grammarly's AI-powered plagiarism detector makes it easy to express your thoughts in a way that's clear, original, and full of academic integrity.



Instantly find plagiarism by pasting or uploading your research paper, essay, or article.



Quickly ensure integrity by checking your work against billions of web pages with one click.



Get an originality score for your document to see how unique your ideas are.



Speed up work with recommendations on what—and how—to cite, as well as real-time feedback on your writing.

Beyond plagiarism detection: Speed up your work

Go beyond plagiarism detection to make your writing shine. From final papers to internship applications, Grammarly's AI writing assistance improves your writing and teaches you how to use generative AI responsibly so you're a step ahead at school and when entering the workforce.

Check plagiarism & AI

Authentic authorship Citation suggestions Perfect proofreading

AI integrity



PLACE ORDER



Free Online Plagiarism Checker

Free Online Plagiarism Checker

51.7k

Shares

high precision x-ray mask fabrication and x-ray lithography feasibility study me6110

nanomanufacturing processes abhineet agarwal 22b1219 aryan bhaskar 21d070017 ritik

dubey 25d0899 shrutika wakchoure department of electrical engineering department of

mechanical engineering indian institute of technology bombay instructor prof valash mate

2271 words (15341 characters)

[Recheck this text after changes](#)[Check another text](#)

SIMILAR

0.0% ⓘ

ORIGINAL

100.0%

Well done, your text is unique!

[Need an essay written but don't have the time?](#)[With PapersOwl you'll get it professionally researched, written and received right on time!](#)[GET MY ESSAY DONE](#)

I'm not a robot

reCAPTCHA is changing its terms of service.
[Take action.](#)reCAPTCHA
[Privacy](#) - [Terms](#)